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Lancaster Farming

Vol. 17 No. 3 | Lancaster Farming, Saturday, December 11, 1971 | $2.00 Per Year

Action by U. S. Secretary of Ag Sought:

Poultrymen Warned of 'Devastating' Newcastle

Potentially far more destruction than Merek's disease.

The disease? Newcastle

It's a new form of Newcastle beginning to appear in the U S from many foreign countries

Poultry producers used to suffering relatively modest setbacks from Newcastle are getting a sharp warning

This foreign Newcastle is far, far more "devastating" than anything which has been known in this country

Flocks his by the foreign Newcastle disease can be virtually wiped out in a few days Mortality rates of 20 to 95 per cent can be expected, according to Jay W Irwin, associate Lancaster County ag agent Producers with a 10,000 flock can expect to see as many as 500 birds a day die, if the disease strikes, Irwin warned

In a recent joint report by Irwin and Dr Floyd Hicks, Penn State University poultry Extension specialist, it was stated

"The foreign form of Newcastle disease is capable of causing devastation to our poultry populations Extremely high death losses were experienced in two large ornamental flocks in New York and Florida In a five farm outbreak in Texas and New Mexico nearly one-quarter million chickens died This represented a 21 per cent mortality rate in birds that had been triply vaccinated

"The signs usually seen in *Newcastle outbreaks are respiratory distress (sneezing, coughing), decreased egg production and nervous system disturbance (twisted neck, paralysis).*

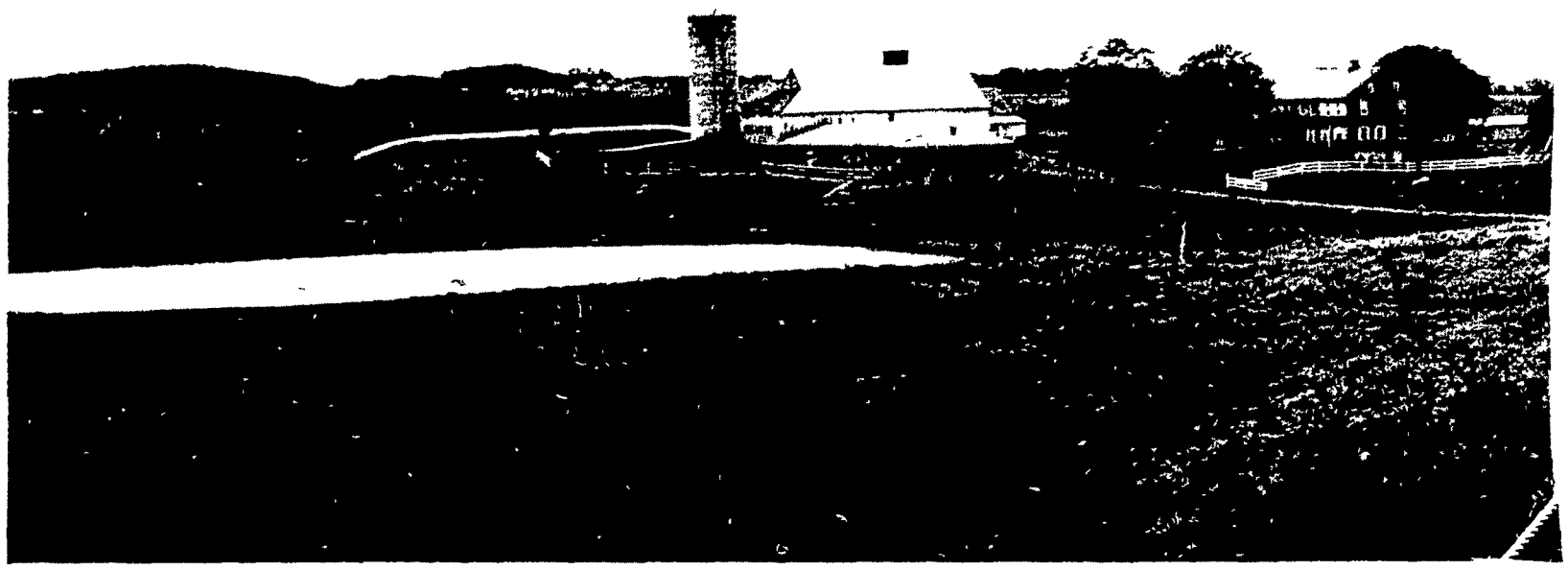
"Any ailing or sick birds should be taken to the State Diagnstic Laboratories for analysis A flock history should be taken to the lab with the birds There is no charge for the service of diagnosis Labs are located at Summerdale near Harrisburg and the new Bolton Center east of London Grove"

In a letter prepared by the Lancaster County Poultry Association this week and being sent out under the signature of Vernon Leininger, president, and John Huber Jr, vice president, local poultrymen were told·

"Seventeen foreign countries have near epidemic situations with this exotic Newcastle disease in poultry flocks and ornamental birds The guarantine loopholes in federal importation regulations for ornamental birds and the heavy importation of exotic fowl into the United States from these countries infected with the disease have brought about this situation"

The Lancaster County

(Continued on Page 3)



Pretty as a picture is the old but well-kept farmstead of John B. Groff at Mount Joy RD1. The beauty is partly natural and partly functional. The pond, for instance, was installed primarily as a source of water for the farm's animal waste irrigation system. (For details on the animal waste issue in general and how Groff and other farmers are handling the problem, see page 14.)

USDA Urges 5-Cent Promotion In Federal Order

The U.S. Department of Agriculture recently recommended amending the Middle Atlantic Federal milk marketing order to establish an advertising and promotion program for milk products.

USDA's Consumer and Marketing Service said the recommendation is based on evidence from a public hearing held at Baltimore, Md., in September, requested by dairy cooperatives representing a majority of producers supplying milk to the order.

This was the first such hearing on adoption in a Federal milk order of this kind of a program, as authorized by a 1971 amendment of the Agricultural Marketing Agreement Act.

The program would be funded by an assessment of 5 cents a hundredweight on all milk that producers deliver to the market each month, before returns are paid out to producers through the marketwide pool. Quarterly refunds would be made, however, to any producers not wishing to participate in the program.

The recommendations were scheduled to be published in the Federal Register December 1, and comments may be filed up to December 21. Four copies should be sent to the Hearing Clerk, 112-U.S. Department of Agriculture, Washington, D.C. 20250, where they will be available for public inspection.

Copies of the decision may be obtained from Market Administrator Edward L. St. Clair, 710 S. Washington St., Alexandria, Va. 22314, or from the Dairy Division, Consumer and Marketing Service, U.S. Department of Agriculture, Washington, D.C. 20250.

Young John Holloway of Chester County receives a trophy Wednesday for his grand champion animal at the Southeast District 4-H Baby Beef Show at the Lancaster Union Stock Yards. Presenting the trophy is Dennis Cox, representing the New Holland Divison of Sperry Rand Corp. The 1,100 animal was bought later in the day by Whitford Sales Co., near Exton, for 97 cents a pound.

Farm Calendar

Monday, December 13

Deer Season, does only, December 13-14.

Tuesday, December 14

7:30 p.m. — Garden Spot Young Farmer meeting, vocational agriculture department, Garden Spot High School.

7:30 p.m. — Ephrata Young Farmer family Christmas party, Ephrata Area Junior High School auditorium.

8 p.m. — Farm and Home Foundation board of directors meeting, Farm and Home Center.

Wednesday, December 15

National Farmers Convention, Kansas City, Mo., December 15-17.

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Also, see special report this week on page 14 on the animal waste problem and what some local farmers are doing about it. The new REAP funding is explained.

The McSparran feature this week involves the well-known Aaron Stauffer family. See page 18.

Alert to all poultrymen! Read our page one story on the foreign Newcastle disease.

Local Livestock Market, Auction News

Lancaster Auction

Wednesday, December 8

	Cattle	Calves	Hogs	Sheep
Today	572	133	190	28
Last week	805	133	237	57
Last year	662	115	257	28
This weeks Auction	496	140	181	28
Last weeks Auction	467	132	244	57

CATTLE — Compared to Monday, Slaughter Steers 25-50 higher, Cows 50, instances 1 00 lower, Bulls steady to 50 lower.

SLAUGHTER STEERS — High-Choice and Prime 1125-1350 lbs 35 75-36 50, Choice 950-1300 lbs 34 75-36 00, lot 1350-1425 lbs. 33 85-34 50, high-Good and low-Choice 33 35-35 00, Good 31 50-33 85, Standard 1050-1425 lbs 26 60-29 85

SLAUGHTER HEIFERS — Choice 750-950 lbs 30 50-33 10, couple 33 75-34 50

COWS — Utility and high-dressing Cutter 21 00-23 00, Cutter 20 00-21 50, Canner and low-Cutter 18 50-20 00

BULLS — Choice 30.00-32 00, couple 32 50, Good 28 00-30 00, Utility and Commercial 27 60-30 25, few 31.10-32 50

VEAL CALVES — Vealers strong to 2 00 higher

VEALERS — Choice 51 00-54 00, few 54 50-56 50, Good 47 00-51 00, Standard 43.00-47 00, Utility 35 00-42 00, Cull 90-120 lbs 30 00-35 00

HOGS — Barrows and Gilts strong to 25 lower

BARROWS AND GILTS — US 1 210-235 lbs 23 00-23 75, US 1-2 210-235 lbs 22 10-22 35, US 2-3 190-250 lbs 21.50-22 10

SHEEP — Couple lots Choice 100-110 lbs Wooled Lambs fully steady at 27 50.

New Holland Dairy Cattle

Wednesday, December 8

Reported receipts of 105 head of cattle, 4 heifers, market stronger on good top fresh cows

Load Canadian and Franklin County cows, fresh, 425 - 750; springers, 430 - 560

Load Canadian cows, fresh, 350 - 750, springers, 380 - 600

Two loads New York State cows, fresh, 480 - 900, springers, 345 - 570

Load Vermont cows, fresh, 395 - 550

Load Wisconsin cows, fresh, 560 - 620

Locally consigned cows, 345 - 590

Springing heifers, 360 - 425

Green Dragon

Livestock Sales

Ephrata, R. D. 3, Pa.

Walter Risser, Manager

Phone: (717) 733-2334

Every FRIDAY

- Dairy Cows 12 30 P.M.
- Hay & Straw Auction 1.00 P.M.
- Beef Cattle & Veal Calves 11:00 A.M

Lancaster Market

Monday, December 6

	Cattle	Calves	Hogs	Sheep
Today	636	296	863	198
Last week	719	222	940	76
Last year	451	370	819	209

CATTLE — Compared to last week's close, Slaughter Steers mostly steady, Cows steady to 50 lower, Bulls weak to mostly 50 lower Supply included 347 in auction

SLAUGHTER STEERS — Choice 950-1250 lbs. 24 35-36 00, small lot high-Choice and Prime 1165 lbs 36 25, high-Good and low-Choice 33 10-34.25, Good 31 00-33 50, Standard and low-Good 28.50-30.00

COWS — Utility and high-dressing Cutter 21 50-23.50, few 23 50-24.00, Cutter 20 50-22 75; Canner and low-Cutter 19.00-20 50

BULLS — Choice 30 85-32 50; couple lots Good 28.50-29 60, Utility and Commercial 27 50-29 50, four head 30 75-31.60.

VEAL CALVES — Vealers steady to 1 00 lower.

VEALERS — Choice 51 00-53 00, few head 53 50-54.00, Good 47 00-51 00, Standard 40.00-47.00, Utility 34.00-40.00; Cull 90-120 lbs. 29 00-33 00, 65-85 lbs 25.00-29.00

HOGS — Barrows and Gilts steady to 50 higher.

BARROWS AND GILTS — US 1 205-235 lbs. 22 50-23.00, US 1-2 200-240 lbs 21 75-22.25; US 2-3 195-250 lbs. 21 50-22 00; US 3-4 245-265 lbs. 21.00-21 50.

SHEEP — Wooled Lambs steady to strong; Ewes weak to 1 00 lower

WOOLED LAMBS — Choice 75-90 lbs. 26.50-28.00, few 28.50, Good 23 00-26.50, few low-Good 20.00-23.00

SLAUGHTER EWES — Utility and Good 3.00-8.00.

Local Grain

Thursday, December 9

These prices are made up of the average prices quoted by six participating local feed and grain concerns. It should be noted, however, that not every dealer handles each commodity. All prices are per bushel, except for ear corn which is per ton

The average local grain prices quoted Thursday, December 9, 1971, are as follows:

	Bid+	Offered+
Ear Corn (New)	30 66	36 66
Shelled Corn	1.31	1 49
Oats (local)	.79	92
Oats (western)	1.05	
Barley	1 06	1 29
Wheat	1 43	1 65

+Bid is the price the dealer will by from the farmer delivered to the mill. Offered is the price the dealer will sell at this mill.

VINTAGE SALES STABLES, Inc.

PARADISE, PENNA.

BULLS, STEERS, BUTCHER COWS, HOGS, LAMBS AND VEAL CALVES SOLD ON COMMISSION

SALE EVERY TUESDAY 12 NOON

FAT HOGS AND FEEDER PIG SALE

EVERY SATURDAY AT 9:00 A.M.

For Marketing Information

Phone Area Code 717-442-4181

Box 100 Paradise, Pa.

10 mi. East of Lancaster on Rt. 30

Kenneth E. Hershey, Sales Manager

Composite Report

Friday Weekly, December 10

Lancaster, Vintage and New Holland Markets

	Cattle	Calves
This week	3300	1500
Last week	3891	1640
Last year	3138	1508

CATTLE — Slaughter Steers steady, instances 50 lower on high-Choice and Prime, Cows steady to 50 lower, instances 75 lower at mid-week; Bulls 25-75 lower Supply included an estimated 25 percent Slaughter Steers, 40 percent Cows and Bulls, with the balance mainly Feeder Steers.

SLAUGHTER STEERS — High-Choice and Prime 1025-1275 lbs. 35 75-37 00, around a dozen head mainly Choice yield grade 2 37.00-37.50, Choice 950-1325 lbs. 34 60-36.50, high-Good and low-Choice 33.00-35.00; Good 30.00-34 00; Standard and low-Good 28.00-39.50, load Standard 1600-1750 lbs. 26.35-29.25.

SLAUGHTER HEIFERS — Choice 750-900 lbs. 30.50-33.10, Good 27.00-29.50

COWS — Utility and high-dressing Cutter 21.00-23.00, few 23 00-23.85; Cutter 20.00-22.50; Canner and low-Cutter 18.50-20 50.

BULLS — Choice 30.00-32.00, few 32.50-33.50, Good 27 50-30.00; Utility and Commercial 27.25-30 50, few 30.75-32.50.

VEAL CALVES — Vealers strong to 2.00 higher, with demand good for Calves returned to farm.

VEALERS — Choice 51.00-55 00, few 55.50-58.00; Good 46.00-52.00; Standard 42.00-47.00; Utility 35.00-42.00; Cull 90-120 lbs. 30.00-35.00, 65-85 lbs. 24.00-30.00.

Hay Prices

Monday, December 6

(All hay No. 2 and better, prices paid by dealers at the farm, price per ton).

Hay and straw steady to $2.00 higher.

Alfalfa	37.00-45.00
Timothy hay	22.00-35.00
Mixed hay	25.00-40.00
Straw	27.00-35 00
Mulch	15.00-22.00

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Vintage Auction

Tuesday, December 7

	Cattle	Calves	Hogs	Sheep
Today	775	577	509	23
Last week	740	689	277	56
Last year	699	578	420	72

CATTLE — Compared to last Tuesday, Slaughter Steers uneven, mainly weak to 50 lower, although few sales Choice and Prime fully steady; Cows 25-50 lower, Bulls steady to weak, instances 50 lower. Supply included 42 percent Cows.

SLAUGHTER STEERS — High-Choice and Prime 1050-1300 lbs. 36.00-37.00, dozen head mainly Choice yield grade 2 37.00-37 50; Choice 950-1375 lbs. 34.60-36.50; high-Good and low-Choice 33.00-34 50, Good 30.00-33.75; Standard and low-Good 27.50-30 50, load Standard 1600-1750 lbs. 26 35-29.25

COWS — Utility and high-dressing Cutter 21.50-23.25, few to 23.50 with a couple 24.00-24.25; Cutter 20 50-22.00; Canner and low-Cutter 19.00-20.50.

BULLS — Choice 30.00-32.10, few 33.00-33.50; Good 27.50-30.00; Utility and Commercial 27.25-29 50, few 30.50-31.75

VEAL CALVES — Vealers steady to strong, with good demand on Calves returned to farm.

VEALERS — Choice 50.00-55.00, few 55.50-58.00; Good 46.00-51 00; Standard 42.00-47.00; Utility 34.00-42.00; Cull 90-120 lbs. 28.00-33.50, 65-85 lbs. 23.00-28.00.

CALVES RETURNED TO FARM — Bulk 90-120 lbs. 38.00-

(Continued on Page 3)

New Holland Auction

Thursday, December 9

	cattle	calves	sheep
Today	763	464	24
Last week	800	580	24
Last year	788	402	17

CATTLE — Compared to last Thursday, Slaughter Steers 25-50 higher; Cows steady to 50 lower; Bulls 25-75 lower. Supply included 46 percent Cows and 27 percent Slaughter Steers.

SLAUGHTER STEERS — Choice 950-1350 lbs. 35.00-36.00, few Choice including some Prime 36.00-36 85; high-Good and low-Choice 33.35-35.10; Good 30.50-34 00; Standard and low-Good 28.50-31.10.

SLAUGHTER HEIFERS — Good 800-1100 lbs 27.00-29.35, few Choice 835-1000 lbs. 30.75-32.75.

COWS — Utility and high-dressing Cutter 21.50-22.85, few 23.00-23.85; Cutter 20.50-22.60; Canner and low-Cutter 19.00-20.50.

BULLS — Choice 30.35-32.00, few 32.00-32.75; Good 27.50-30.00; Utility and Commercial 27.25-30.50, few 31.00-32.00.

VEAL CALVES — Vealers 1.00-2.00 higher, with demand good for Calves returned to farm.

VEALERS — Choice 52.00-55.00, few 55.50-57.00; Good 46.00-52.00; Standard 42.00-47.00; Utility 35.00-42.00; Cull 90-120 lbs. 30.00-35.00, 65-85 lbs. 24.00-30.00.

SHEEP — One lot Choice 88 lbs. Wooled Lambs fully steady at 27.50.

Monday, December 6

HOGS 921: Retail 22.75-24.50; Wholesale 2s, 3s, 4s 21.75-22.75;

(Continued on Page 3)

AUCTIONS makes the difference in marketing livestock!

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2:30 P.M. — FAT STEERS, BULLS, COWS & VEAL
HORSE SALE — MONDAY at 10:00 A.M.
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NEW HOLLAND SALES STABLES INC.

New Holland, Penna.

Abram W. Diffenbach, Manager Phone: 717-354-2194

ANNOUNCEMENT

J. M. Hoober, Inc.

Lancaster Union Stock Yards

Is pleased to announce that

Melvin M. Weaver

Lititz, R.D. 2

is now in charge of the hog, veal lamb department. He is assisted by Roy Mellinger, Christ Landis and Burnell Siegrist. Mel has weekly orders for hogs at top prices and welcomes your consignments.

Office Telephone: 397-6191

Home Telephone: 626-5659

MARKET DAYS-Monday • Wednesday • Saturday

Lebanon Valley Auction

Tuesday, December 7
355 Head of Cattle

Steers: Choice (few), 34.60 - 35.50; Good, 31.60 - 34.75; Standard, 28.60 - 31.10.

Heifers: Choice (individual), 33.25; Good (few), 28.00 - 31.00; Standard, 25.85 - 27.75.

Cows: Utility and High Dressing Cutter, 22.50 - 23.60; Cutters, 20.35 - 22.50; Canners, 18.25 - 20.35; Shells down to 15.00.

Bulls: Good, 30.00 - 32.35; Utility and Commercial, 26.85 - 30.85; Cutters, 25.00 - 26.75.

300 Head of Veal Calves

Choice (few), 53.00 - 55.50; Good, 51.00 - 54.50; Standard, 46.00 - 52.00; Utility, 41.50 - 46.00; Culls 90 - 120 pounds, 32.00 - 40.50; Culls 70 - 85 pounds, 27.00 - 32.00.

Farm Calves: Bulls 80 - 110 pounds, 37.00 - 49.50; Heifers 85 - 120 pounds, 59.00 - 83.00.

288 Head of Hogs

Barrows and Gilts: U.S. 1-2 200 - 240 pounds, (few), 21.85 - 22.35; 2-3 195 - 250, 21.50 - 22.00; 2-4 185 - 260, 20.60 - 21.35; 3-4 245 - 340 (few), 20.00 - 20.10; 2-4 130 - 180 (few), 20.35 - 20.60.

Sows: U.S. 1-3 300 - 500 pounds, 16.25 - 17.25.

Boars: 13.25 - 14.00.

22 Head of Feeder Pigs

U.S. 1-3 20 - 35 pounds, 9.25 - 10.50; 35 - 50 (few) 14.50.

22 Head of Sheep and Lambs

Choice 75 - 110 pounds, 28.50 - 29.00.

Slaughter Ewes: 6.00 - 7.00.

New Holland Horse Auction

Monday, December 6

Reported receipts of 289 head of horses; market lower than last weeks market.

Load Kentucky and Delaware driving horses, 100 - 400.

Locally consigned work horses, 115 - 155; riding horses, 70 - 200; driving horses, 80 - 300; few better horses, 205 - 295; few mules, 95 - 210.

Mare Ponies, 5 - 20; Geldings, 5 - 15; Colts, 3 - 6; Larger Ponies, 25 - 35; Killers, 3 - 5.

Lebanon Valley Livestock Market, Inc.

1 mile east of Fredericksburg along Route 222

Phone Jonestown 865-2881

Sale every Tuesday at 1:30 P.M. starting with feeder cattle and pigs

Omaha Cattle

Thursday, December 9

Compared with last weeks close, slaughter steers strong to 25 higher, heifers 25 higher, instances 50 higher. Sows 1.00 - 1.25 lower. Bulls 50 lower. Small feeder supply steady.

Four day receipts 22,900 as compared 19,900 previous week and 27,100 a year ago. Slaughter steers approximately 43 per cent, heifers 33 per cent, cows 11 per cent, and feeders 8 per cent. Fed cattle prices edged upward even in face of moderately expanded marketings. An ideal day-to-day distribution of supplies a favorable trade factor and most slaughterers entered the week needing cattle to meet immediate slaughter requirements. This broad demand held throughout week although buyers became somewhat more selective at midweek in view of rather liberal supplies from which to choose. Liberal percentage Choice and moderate volume High-Choice and Prime although many cattle carried a considerable poundage of mud which was frequently a major price determining factor.

Average cost slaughter steers first three days 33 89 average weight 1,123 pounds as compared 33.75 and 1,125 pounds previous week and 26.35 and 1,126 pounds a year ago.

Market Steers

Steers — Load Prime U.S 3-4. 1219 pounds, 35.40; Nine loads High-Choice and Prime, U.S. 3-4, 1068 - 1288, 35.15 - 35.35; 2-4 1023 - 1296, 34.50 - 35.00; Choice 2-4, 1000 - 1300, 33.50 - 34.50; Mixed Good and Choice, 975 - 1250, 32.75 - 33.75; Good, 29.50 - 33.00; Standard and Low-Good, 28.00 - 29.50.

Heifers — High-Choice and Prime U.S. 3-4, 927 - 1109 pounds, 33.85 - 34.35; Choice 2-4, 825 - 1050, 32.75 - 33.75, Mixed Good and Choice, 800 - 1900, 32.00 - 33.00; Good, 27.50 - 32.00; Standard and Low-Good, 25.50 - 27.00.

Cows — Utility and Commercial, 19.50 - 21.00; few Utility Dairybreds, 21.25; Canner and Cutter, 17.00 - 20.00; Mixed Cutter and Utility, 20.25 - 20.50.

Bulls — Utility, Commercial and Good, 25.00 - 27.00; early Commercial, 27.50 - 28.50; Cutter and Low-Utility, 23.00 - 25.00.

Feeder Steers

Moderately active, steady, supplies largely High-Good and Choice two-way steers. Outshipments approximately 1,400 head compared to 1,200 previous week.

Steers — Two loads Choice and Prime, 390 pounds, 45.00; Choice and Prime, 923 - 1033, 33.00 - 33.75; High-Good and Choice, 757 - 949, 31.25 - 33.00; two loads Good, 867 - 960, 28.50 - 28.60.

Heifers — Two loads Choice and Prime, 355 pounds, 40.00; load Good, 778, 28.00.

Green Dragon Dairy Cattle

No market report this week.

Vintage

(Continued from Page 2)

45.00, few 45.00-55.00 with Holstein Heifers 67.00-77.00.

HOGS — Barrows and Gilts steady to weak, instances 25 lower.

BARROWS AND GILTS — US 1-2 205-235 lbs. 22.25-22.60; US 2-3 195-250 lbs. 21.75-22.25.

SHEEP — Market not reported.

Fat Hogs and Feeder Pig Sale
Saturday, December 4

HOGS 854 Barrows and Gilts; Mostly steady. US No. 1-2 190-230 lbs. 22.50-23.10; US No. 2-3 195-240 lbs. 21.85-22.50; US No. 2-4 240-265 lbs. 21.25-21.85; US No. 2-4 165-190 lbs. 18-19 85.

Sows US No. 1-3 295-460 lbs. 15.10-17; Boars 14-14 60.

New Holland Auction

(Continued from Page 2)

Heavyweights 20.50-21.75; Sows 15-17.50; Boars 14-15.50.

Monday December 6

CALF RECEIPTS 181: Choice and Prime 46-52; Standard 35-41.50; Good and Low Choice 42-45.50; Common 25-34.50; Heifer calves returned to farms 35-75.

Monday, December 6

Twenty-three loads of hay and straw sold as follows: Straw 36-44; Timothy hay 39-50; Alfalfa and Clover 43.50-55

Green Dragon Hay Market

46 loads hay, including Alfalfa, 37.00 - 58.00, one load 65 00, Timothy hay, 34 00 - 43.00; Mixed hay, 36 50 - 52.00, one load 57 00, one load Clover hay, 42 00

21 loads straw, 37.00 - 46 00

One load ear corn, 38.50

U. S. Inspected Livestock Slaughter

For the week ending Thursday, December 9

	CATTLE	HOGS	SHEEP
Week to date	449,000	1,454,000	160,000
Same period last week	463,000	1,449,000	173,000
Same period last year	465,000	1,417,000	158,000

Estimated daily livestock slaughter under Federal Inspection.

FUTURES TRADING

(Closing bids as of Thursday, December 9)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
December	34.70	22.45		38.80
January '72				34.70
February	33.00	23.90		34.60
March			3.05	
April	31.85	23.30	3.23	
May			3.71	
June	31.50	24.75		
July		24.85		
August	31.42	23.72		
October	31.15			
December	31.10			

Trend — Cattle are lower, Hogs are higher, Potatoes are higher and eggs are lower

a-asked b-bid n-normal

Markets provided by Commodity Dept., Reynolds & Company

Poultrymen Warned

(Continued from Page 1)

Association urged its members to write Dr. Earl Butts, the new U.S. Secretary of Agriculture, to encourage him to "ban the importation of all fowl from countries contaminated with the foreign Newcastel disease."

Poultrymen were also urged to write U.S Senator Hugh Scott "to encourage the USDA to immediately halt the spread of the foreign form of Newcastle disease and support the USDA in their request to Congress for funds to get the job done."

The reference to funds is for funds for an indemnity program similar to the hog cholera program. These funds, as discussed at the Poultry Association's meeting Tuesday night at the Farm and Home Center, Lancaster, would probably be used to allow complete destruction of infected flocks It is believed this is the only approach which can effectively stop the disease and prevent the destruction or near destruction of the entire U S poultry industry.

The potential blow to the Southeastern Pennsylvania farm economy is great Eggs and broilers together account for about the same dollar volume in Lancaster County as the important dairy industry

Lancaster County has about 3.1 million layers or some 1 8 per cent of the national total, the county produces about 18 million broilers annually.

According to the Pennsylvania Department of Agriculture Crop Reporting Service, value of Lancaster County eggs in 1970 was $23 5 million and broiler were worth another $10 8 million.

Comparable totals for all of Southeastern Pennsylvania were $38 million for eggs and $13.5 million for broilers. 1970 Pennsylvania figures were: $107.6 million for eggs and nearly $34 million for broilers.

Besides poultrymen themselves, many feed suppliers and equipment suppliers and other agribusinesses are directly or indirectly dependent on the large poultry business. Poultry meat and eggs rank with milk, beef and pork as among the most important of all U.S. farm products.

For poultry operations which figure profits in terms of only a few percentage points or even fractions of points, the potential impace of mortality rates in excess of 20 per cent is obvious Local Extension officials and knowledgable poultrymen use the term "devastating" frequently.

Irwin listed the following experience with the disease in this country to date: the Texas-New Mexico outbreak, a loss of 250,000 birds representing a 21 per cent mortality, Florida, outbreak in a large ornamental flock, lost 7,000 of 9,000 birds, California, new outbreak reported recently, no indication of losses yet; New York, extreme losses in one flock, the producer voluntarily destroyed and buried the entire flock to keep the disease from spreading.

England, one of the 17 foreign countries with the disease, has lost 43 million birds, the disease has cost England $40 million Such losses must be viewed with the perspective that England is a *much smaller country with much fewer birds than the U S, Irwin noted.*

It has only been in the past year or two that the U S poultry industry has finally conquered what was considered to be its worst enemy That is Merek's With Marek's, producers were reportedly getting in the area of 5 to 10 per cent mortality, with numerous side effects, including loss of appetite, reduced growth and egg-laying potential, reduction in egg output, soft-shelled eggs and so-forth

Overall, the losses from Marek's ran much higher than the mortality figures indicated

But the word on the foreign Newcastle is this "It could be a lot worse than Marek's"

This projection is based on the fact that the disease is only a potential one, it hasn't struck yet The feeling is that if it does get firmly established, it "will" be a lot worse than Marek's.

The key area of concern by Extension agents at this point is the loopholes in the federal import regulations on the so-called "exotic fowl," which included parrots and ornamental birds.

Apparently, according to reports, rules and regulations have been gradually developed which make it virtually impossible to import the disease through regular egg producing and broiler fowl, but the same stringent standards have not been established for the exotic birds and ornamental fowl, which are equally dangerous as carriers of the disease

According to Penn State University poultry specialists, U S inspection of the imported exotic birds and ornamental fowl amounts to little more than a visual inspection "to see if they look alright" But they can look alright and still be carriers of the deadly foreign Newcastle disease.

If the importation of these infected birds is not stopped, it's "only a matter of time before it pops," Penn State poultry specialists warned this week.

That's why action by the U S. Secretary of Agricuture is being asked: to clamp the same import

(Continued on Page 24)

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Poultry Market Reports

Eastern Pa. and N.J.

Wednesday Dec. 8

Prices of light type hens generally about steady Demand fair though unaggressive as most plants working full time. Farm offerings adequate though occasional offerings reported withdrawn to be held for further production and recycling later Offerings of heavy hens barely adequate for fair needs. Prices paid at farm · Light type hens 4½-7 mostly 6½-7 in Pa , mostly 6 in New Jersey Heavy type hens 14-15.

Delmarva

Wednesday, Dec. 8

Ready-to-cook movement spooty ranging fairly good where feature activity involved to only moderate in other quarters Slaughter schedules continue heavy in an effort to clear live supplies to desireable levels Less than trucklot prices unchanged on plant grade, unchanged to ½ cent lower on U S. Grade A Offerings ample to burdensome in instances and often very competitively priced in an effort to stimulate movement. Advance interest undetermined with buyers watching for further market developments Undertone continues unsettled Pool trucklot prices for Thursday arrival in the New York area U S Grade A 24-28, Plant Grade 23-26.

Special packs including 1¾-2, 3½ pounds sizes TFEWR

New York Eggs

Wednesday, Dec 8

Prices advanced on mediums, large mostly unchanged to fractionally higher. Receipts light to moderate and mostly extra large and large. Street trading ranges from good on smalls to slow on extra large. Supplies of extra large plentiful, large are fully adequate to ample for local needs with spotty diversions to out of town markets. Mediums irregularly adequate to short, pullets tight with limited street sales noted mostly at 31½-32½ cents. Cartoning activity just fair Undertone steady and cautious

Weekly New York Egg Market

(From Monday December 6 to Friday, December 10)

	Mon.	Tues.	Wed.	Thurs.	Fri.
White					
Fcy. Ex. Large	39-40	39	39	39½	40
Large	39	39	39	39½	40
Mediums	35½	35½	36½	37½	38
Pullets	31½	31½	32½	33½	34
Peewees	20	20	21	22	22½
Brown					
Fcy. Ex Large	44	44	44	45	45
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Standards	34	34	34	35	36
Checks	18½	18½	19	19	19

Long Tone - Large sizes adequate but getting improved calls. Small sizes continued generally short

Peoria Cattle

Tuesday, December 9

Slaughter steers and heifers closed the week mostly 50, instances 75 higher. Virtually all the weeks price advance was posted on Monday's market and trading was not materially changed in later trading sessions. Cows finished 50 lower. Bulls steady. The offering of slaughter steers and heifers was made up largely of High Good and Choice with few loads Mixed Choice and Prime Receipts this week 6,200; last week 5,500, last year 2,600.

SLAUGHTER STEERS: Mixed Choice and Prime, yield grade 3-4, Monday through Wednesday, 35 25 - 35.50, with load on Tuesday and one on Wednesday at 36.00. Most Choice 950 - 1250 pounds yeild grade 2-4, mostly 34.50 - 35 25, some Low Choice under 1150 pounds 34.00 - 34.50. Mixed Good and Choice 850 - 1150 pounds 33.00 - 34.25 Good 30.50 - 33.00. *Standard and Low-Good 29.00 - 30 50.*

SLAUGHTER HEIFERS: Mixed Choice and Prime 850 - 1025 pounds yield grade 3-4, 34.25 - 34.50. Choice 800 - 1025 pounds yield grade 2-4, 33 25 - 34.25. Mixed Good and Choice 750 - 925 pounds 31.50 - 33.25. Good 28.75 - 31.50. Standard and Good 26.00 - 28.75

COWS Commercial 18.00 - 20 50, some mostly yield garde 5, 15.00 - 17.50. Utility 20 00 - 21.50. Cutter 18.50 - 20.75 Canner 17.00 - 18.50. Few very thin 14.00 - 17.00.

BULLS: Utility, Commercial and few Good 26.00 - 27.50; few 28.00 and couple Monday 28.50.

Fogelsville

Auction report sale of December 7, 1971 (Prices paid dock weights, cents per lb. except where noted).

Hens, Heavy type 5-18 mostly 7-16, Pullets 8-28½ mostly 22-27; Roasters 5-30 mostly 21-26; Ducks 20-32 mostly 24-30; Drakes 44-41½; Geese 26-27, Rabbits 30-58 mostly 50-58; Guineas 45½-62 mostly 60-61; Pigeons (per pair) 88-3.60 mostly 1.00-1.15.

Total coops sold 712.

xxx

Farms are getting larger. The average farm in the United States in 1969 was 377 acres, a one third increase over 1959 farms.

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We may have missed it in the rush. Or maybe you forgot to tell us.

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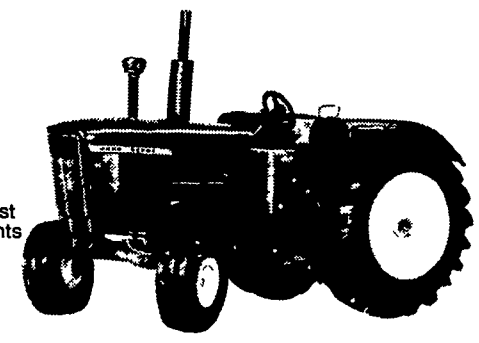
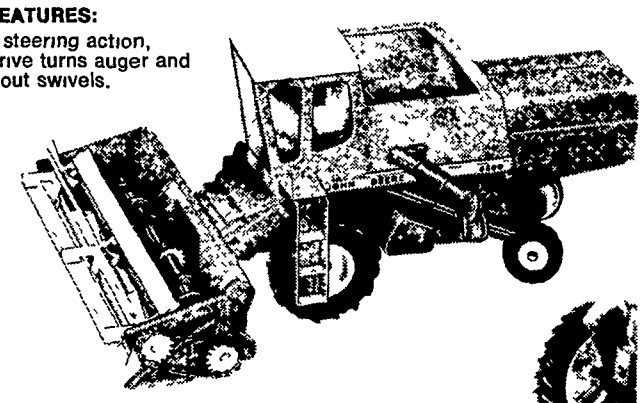
No toys have ever worked like these nor given so much play fun—for no other toys are actual blueprint replicas to scale of real John Deere equipment. They're die-cast in rust-resistant aluminum or zinc for authentic detail and to be strong and last long. Come see the collection we have of many John Deere Farm and Construction Toys.

JOHN DEERE DIESEL TRACTOR NO. 555
PLAY FEATURES:
Real steering action, knee action wide front wheel movement; exhaust stack; pulls all implements



JOHN DEERE COMBINE NO. 558
PLAY FEATURES:
Manual steering action, chain drive turns auger and reel; spout swivels.



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PLAY FEATURES:
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Landis Bros. Inc. Lancaster 393-3906

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AGWAY

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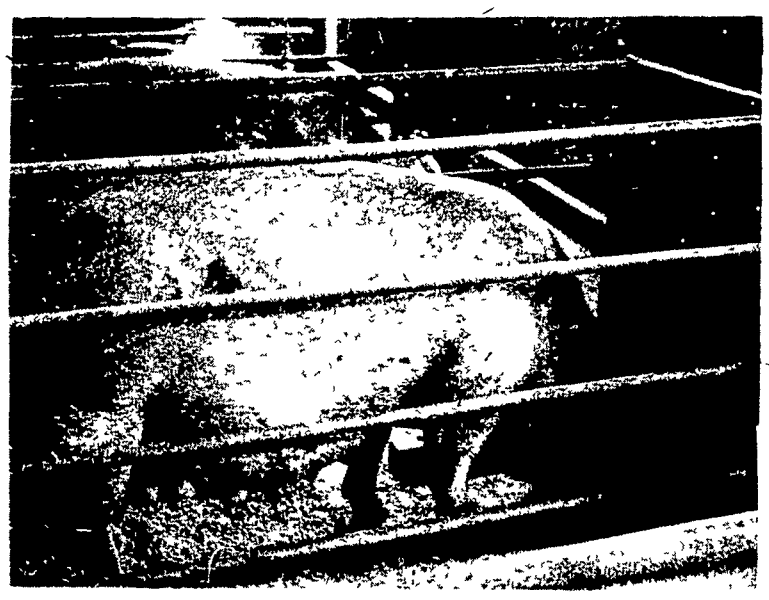
PART 1 - THE SOW

AGWAY SWINE HEALTH CALENDAR

TIME	PROBLEM OR PRACTICE	PRODUCTS TO USE
THE SOW: 2-4 weeks before farrowing	Check sows for internal parasites	Worm with Atgard or Piperazine
	External parasites	Use Agway Dual Stock Spray Concentrate
2 weeks before farrowing	Clean farrowing pens and equipment	Scrape and remove all organic matter Wash with Agway Hurriclean Disinfect with Agway Premise Disinfect Fumigate periodically with formaldegen
3-5 days before farrowing	Clean sows just before moving into farrowing pens	Wash sow, especially udder and flanks, with Agway Premise Disinfect
1 week before farrowing	Medicate sow feed to prevent baby pig scours, continue 2 weeks after farrowing	Aureo SP250 in Agway sow feed (conc) or Furox 10 (NF180) Pre mix

For accurate diagnosis and treatment always consult your Veterinarian.



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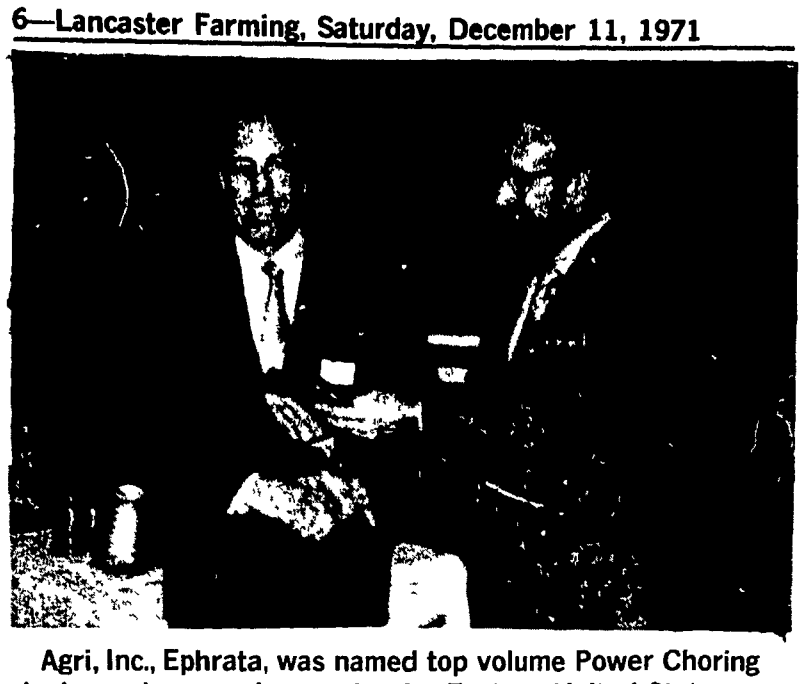

Agri, Inc., Ephrata, was named top volume Power Choring dealer on barn equipment for the Eastern United States at the annual Jamesway dealer sales meeting held Monday, December 6, at Carlisle. Don Bucks, left, representing the dealership, received a recognition plaque for outstanding sales and service from John Shellenberger, field manager, of the Jamesway Division of Butler Manufacturing Company, Fort Atkinson, Wisc. Several new products, including a new Jamesway barn cleaner, were unveiled at the meeting to dealers from several states.

80 Holsteins Sent To Netherlands

Twenty-seven Registered Holstein-Friesian calves from various areas in Pennsylvania last Friday, December 3, were sent on an historic journey to the land of their ancestors, The Netherlands, reports the Pennsylvania Department of Agriculture

After the final inspection of a rigid selection process ending at the Pennsylvania Farm Show Building dairy barn in this city, the calves left by trailer for Montreal and, thence, by air to Amsterdam

The Harrisburg location was the collection point for the heifers from Pennsylvania and a few other calves from Maryland Other calves from New York and Canada will join the trailer shipment in Montreal to bring the total to about 80 head

The total shipment of cattle from the three states and Canada will be used for a breeding and herd improvement experiment in Holland to determine if the American Holstein breed, which has seveloped into a larger and longer animal than its ancestor in Holland, can produce an animal adaptable for both milk and beef production

Executive Deputy State Secretary Raymond J Kerstetter and Robert H. Rumler, executive secretary of the Holstein-Friesian Association of America, Brattleboro, Vt., termed the shipment an historic one and an event in which Pennsylvania Holstein breeders could look upon with pride for their efforts.

Others taking part in the send-off ceremony in Harrisburg included· Elvin Hess Jr, Strasburg; William C. Nichol, State College, president and secretary of the Pennsylvania Holstein Association, and Howard J. Hansen, assistant director of the Holstein Friesian Export Service which arranged and supervised the total shipment.

* * *

Changed Name

Henry Wilson, vice-president under President Ulysses S. Grant, changed his name during his youth. His name originally was Jeremiah Colbath.

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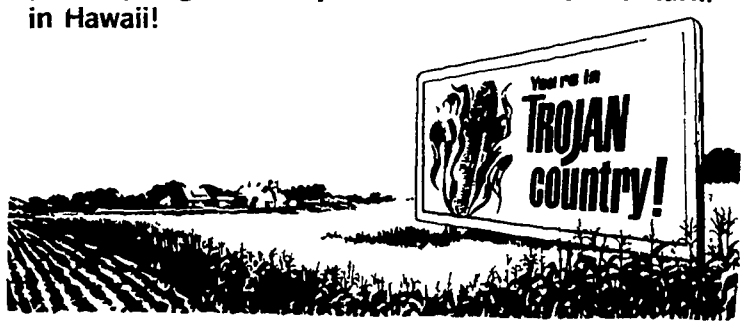

Full Season	Medium Season
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2y 2m 365d 2x 21,265M 3.7% 781BF
3y 8m 365d 2x 24,298M 3.2% 785BF

DAUGHTER OF 1883 "R MAPLE" KEN-RAY CITATION RUBY, EX
3y 1m 305d 2x 17,440M 3.3% 583BF

DAUGHTER OF 1900 "JO JO" CLINTON CAMP JOJO BERYL, EX
Sold for $6,500 at 1970 Convention Sale
2y 5m 305d 2x 18,339M 3.7% 670BF
365d 2x 21,739M 3.7% 795BF
3y 8m 305d 2x 23,906M 3.8% 915BF

These three great young cows are a sample of the daughters of the great ABS sires listed below. All are available through your local ABS Representative.

SEPTEMBER, 1971 USDA SIRE SUMMARY

	Pred. Diff.		Percent Rep.
1879 Westside AB "Seaman"	+1867M	+62BF	63 percent
1881 Paclamar "Bootmaker"	+1807M	+52BF	83 percent
1887 Bradstead Rosni Pabst "Tony"	+1406M	+31BF	79 percent
2732 Milestones "Generator"	+1242M	+43BF	42 percent
0779 Housleys J. "Champion"	+1083M	+49BF	31 percent
1869 Fleetridge "Monitor"	+1061M	+37BF	61 percent
1886 Utag Dagan Ex "Alan"	+1060M	+31BF	72 percent
1883 Citation "R Maple"	+1020M	+40BF	52 percent
61146 AJRF Burkgou "Kit"	+ 973M	+21BF	86 percent
1892 "Busy" Acres Roburke Sears	+ 932M	+23BF	70 percent
1866 Gettie "Lancer" Piebe	+ 921M	+29BF	66 percent
1932 Knob Lick Elevation "Bob"	+ 887M	+17BF	55 percent
1929 Homo Wis Burke "Memory"	+ 879M	+29BF	54 percent
1923 Arbur Ormsby "Mark"	+ 865M	+33BF	64 percent
1918 Sanhill Royal Chambric	+ 862M	+25BF	40 percent
1893 Southway Pearl Tidy "Joe"	+ 854M	+32BF	78 percent
1830 Forest Lee "Centurian" Rocket	+ 853M	+ 0BF	99 percent
3654 Roselawn Topsys "Topper"	+ 844M	+31BF	19 percent
0773 Cleverlands General "Eldorado"	+ 842M	+29BF	58 percent
1900 Don Augur Carnation Royal "Jo Jo"	+ 823M	+16BF	54 percent

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Norman Vincent Peale Speaks

Dr. Norman Vincent Peals, minister of Marble Collegiate Church, New York City, asserted that the positive approach to living is the greatest need of people today. Dr. Peale cited again and again examples of men and women who are in search of a meaningful life.

The internationally known minister pointed to the loss of one's identity in today's society as a contributing factor to our problems.

However, He was quick to state that those of us who have many problems are living an active life. It is when you have no problems - then you are in trouble.

Speaking at the Inter-State Milk Producers Cooperative banquet for 875 persons Tuesday evening, November 23, Dr. Peale urged the people who expect a lot our of life to think positive as they approach their daily problems and the dilemma that faces this nation.

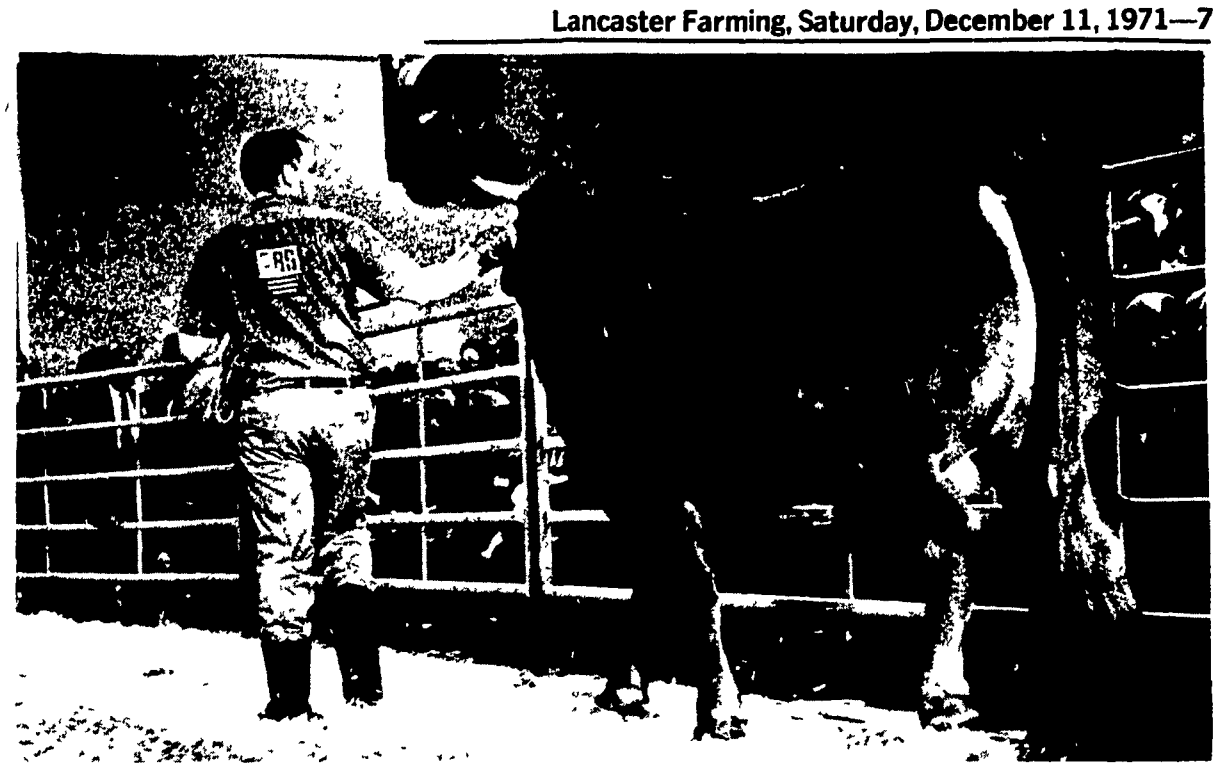
Wilbur Seipt, president of Inter-State, opened the annual meeting with a challenge to the 117 delegates: "As dairy farmers we must be extremely careful that we do not find ourselves in the position of having national legislation which may (with reference for example to solids and waste disposal control and run-off) be in conflict with state health regulations which we must pass in order to sell milk." Seipt asserted, "There is a need 'for the maintenance of a strong legislative group for dairy farmers' as we meet the changes that are necessary during this period of a partially controlled economy"

Dr. James E. Honan, general manager, emphasized in his delegate report that "we cannot sit and wait for all future business decisions to come. As your manager," asserted Honan, "I recommend we give strong consideration to being prepared.

"One of the trends in agriculture and in Inter-State," Honan continued, "is that we have held on to some of these old standards of good citizenship, patriotism, individual responsibility, strong religious faith, and high standards of social attitude and behavior. I believe this is a most important trend to continue," he concluded.

Dr. Phillip Alampi, Secretary of Agriculture, State of New Jersey, served as toastmaster at the banquet.

Edward L. St. Clair, market administrator, Federal Milk Marketing Order 4, spoke to the young farmers breakfast and told the milk producers that their problems today were similar to those of their forefathers. The market administrator related for the early-rising group many activities of dairy farmers living in this general area at the turn of the century to "the problems you men face today."



At the recent Exotic Weekend II festivities at Calgary, Alberta, Canada, American Breeders Service of Canada, Ltd. introduced their total available Exotic bulls, including 43 sires of five breeds. This is one of the Limousin bulls being paraded before more than 1,000 weekend visitors from the United States and Canada.

WASHINGTON REPORT

Congressman Edwin D. Eshleman

16th District—Pennsylvania

From time to time I think it is important to use this column to brief you on the status of major legislation.

This week I'm going to give a run-down of where some of the Nixon Administration's chief legislative proposals stand at the moment, as well as some other prime legislative issues.

It now appears that dozens of the Administration requests will be left in congressional cubbyholes when the first session of the 92nd Congress goes home, probably sometime in December. This is some of what is left to be done:

Strikes. There has been no action in either house to deal with transportation strikes which create national emergencies. There is a comprehensive plan on this subject submitted by the Administration, and although the White House has asked repeatedly for Congress to consider this plan, no movement is underway to bring a bill up for a vote.

Revenue sharing. Here again is a program that is stalled on both sides of Capitol Hill. Despite the overwhelming endorsement of the American people for a revenue sharing approach, and despite numerous statements in support of revenue sharing by Congressmen and Senators, this legislation appears to be a dead issue for this session and perhaps *for the entire 92nd Congress*

Government reorganization. The Administration proposed a sweeping reorganization of the Federal Government designed to increase government efficiency and thus save money Neither house has passed the needed legislation

Women's rights. The proposed constitutional amendment on this subject is not going to clear Congress this session. It has passed the House, but the Senate has not yet completed committee action on the bill

Electoral college reform. Changes in our system for electing a president are not moving very rapidly in this Congress In 1970 the House voted to elect the president by popular vote, but that legislation died in the Senate Nothing on this subject has come up in either body this session, and because ratification by 38 state legislatures also would be required, the nation would seem *to be headed toward another presidential election year faced with the risks inherent in our electoral college system*

There are some other areas where the legislative outlook is somewhat brighter. Here is a partial list of those·

Environmental quality. The prospects are good that a water pollution control bill will clear Congress during the second session.

Taxes. Perhaps by the time this column is printed, a tax relief bill will have been sent to the president for his signature

Economic controls. The Administration has put the legislation required by Phase II of its economic program on the "must list" for action before adjournment It seems likely that Congress will respond in this case, and enact the controls before the Christmas break.

As you can see, there is a lot which needs to be done on Capitol Hill both in the immediate future and in the second session convening in January.

And it must be remembered that as we get closer and closer to political campaign time, it will become tougher and tougher to get anything done in Congress. That's not being pessimistic, just realistic.

USDA Food Output Up

Foods donated to the States by the U.S. Department of Agriculture to improve diets of school children, needy families, and needy persons in charitable institutions totaled 2.31 billion pounds in the fiscal year ending June 30, 1971 — up 10 per cent over the 2.1 billion pounds donated in fiscal year 1970.

USDA food donations for needy families during fiscal year 1971 amounted to 1.3 billion pounds — about 12 per cent more than in fiscal 1970. The foods donated cost $321.2 million — 11 per cent more than in the previous fiscal year.

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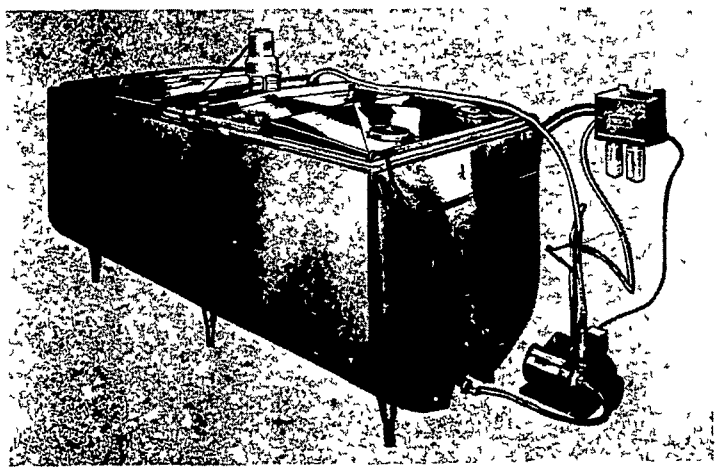

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with automatic Spin-Clean Washer

- Saves time and effort
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b. RINSE with lukewarm water, which is recirculated through the pump, then drained.
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d. FINAL RINSE with lukewarm water and optional acidified rinse, recirculated and drained.

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Prepare Now to Save on Taxes

It's time for taxpayers to analyze their tax liabilities for this year and to take steps to hold their obligations to a minimum, according to Samuel M. von Kummer, Chairman of the Committee on Taxation of the Pennsylvania Institute of Certified Public Accountants.

"The government does not want anyone to pay a penny more in taxes than the law calls for," von Kummer say, "and it expects every taxpayer to take every legitimate action to avoid overpayment.

"If through ignorance of the provisions of the tax laws, however, a taxpayer fails to take all the deducations, exemptions and exclusions availabe to him, the Internal Revenue Service cannot be expected to call the oversight to his attention."

If you have had no big deductible expenses such as interest, taxes, medical bills, etc. during the year, von Kummer suggests that instead of itemizing deductions you consider taking the standard deduction, which is 13 percent of adjusted income, with a maximum deduction of $1,500.

But if you have sizeable deductions in 1971 and do not expect the same in 1972, it might be to your advantage, he says, to itemize your deductions this year and take the standard deduction next year, especially since the standard deduction will rise in 1972 to 15 per cent of income, with a maximum deduction of $2,000.

If you decide to take this route, von Kummer advises, it is wise to pile as many deductible expenses into this year as you can. Ways of doing this would include, for example, paying medical bills now rather than waiting until after the first of the year, prepaying some taxes and interest charges, and making 1972 charitable contributions early.

By alternately itemizing deductions one year (and "bunching" deductible expenses in that year) and then taking the standard deduction the next year appreciable savings can be made by taxpayers in the lower and middle brackets.

Von Kummer says taxpayers should also give attention now to any profits or losses they may have had on the sale of securities or other assets during the year.

He points out that taxpayers ordinarily seek to hold property for more than six months in order to qualify for the long-term capital gain tax treatment, less costly than taxes on ordinary income and on short-term (less than six months) capital gains.

But if there is going to be a loss on the sale, it may be preferable to take a short-term loss because it can be offset, dollar-for-dollar, against ordinary income, whereas long-term losses can be offset only at the rate of two dollars of loss for one dollar of income, with a maximum one-year deduction of $1,000. Both long-term and short-term losses in excess of the deductible maximum can be offset against income in subsequent years.

Losses on the sale of securities can be applied to 1971 income if the sales are made at any time before next January 1st. However, for capital gains to be applied to this year, the sale—unless it's for cash—must be made, the CPA Chairman warns, in time to allow five trading days for the transaction to clear.

Von Kummer advises self-employed individuals who have been thinking of setting up a personal retirement plan to consider taking the step now, in order to get the tax-deferred benefit of such plans this year as well as in 1972 and subsequent years.

As much as 10 per cent of earned income, up to a limit of $2,500 may be put aside in approved retirement funds, and the tax on such amounts postponed until after retirement when, presumably, the self-employed individual will be in a lower tax bracket.

Firm Fined for Violating Federal Meat Inspection

Kaplan's Prime Meats, Inc., 982 N. Delaware Ave., Philadelphia, and its vice president, Ralph Kaplan, were fined a total of $2,100 for violating the Federal Meat Inspection Act in U.S. district court action in Philadelphia recently.

The meat processing firm and its official were fined after they pleaded guilty to allowing non-federally inspected meat in the federally-inspected plant, and to later removing official retention tags from some of that product and repacking it in cartons bearing the federal inspection mark.

Kaplan was fined $200 on each of the three violations, and the firm $500 on each. Three other charges were not prosecuted.

xxx

Funds spent by the U.S. Department of Agriculture are often used for non-farm programs such as free lunches at schools in urban areas.

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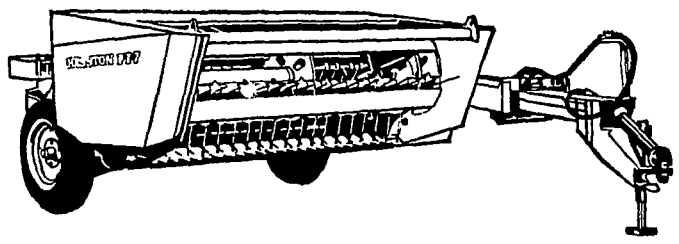

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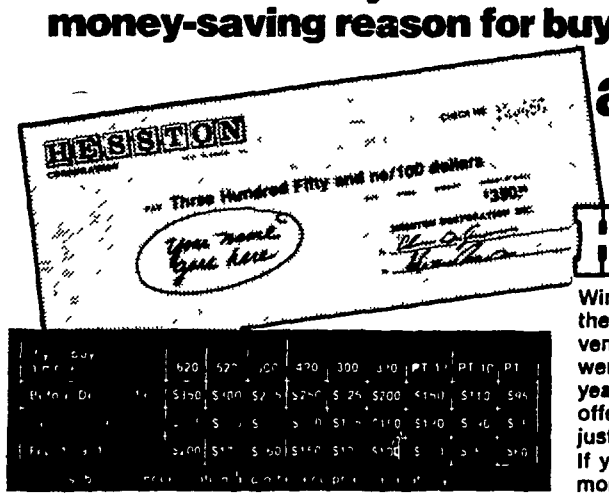
In addition to any tax advantage there's a sensible, money-saving reason for buying a windrower now—



a cash bonus for early buyers!

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Windrowers sold in the spring are manufactured in the fall, so Hesston has a small fortune tied up in inventory at the factory and on the dealer's lot. If we were able to put that money to work early in the year, we'd save a bundle. So when we make a special offer, we're not being big-hearted or soft-headed, just practical.

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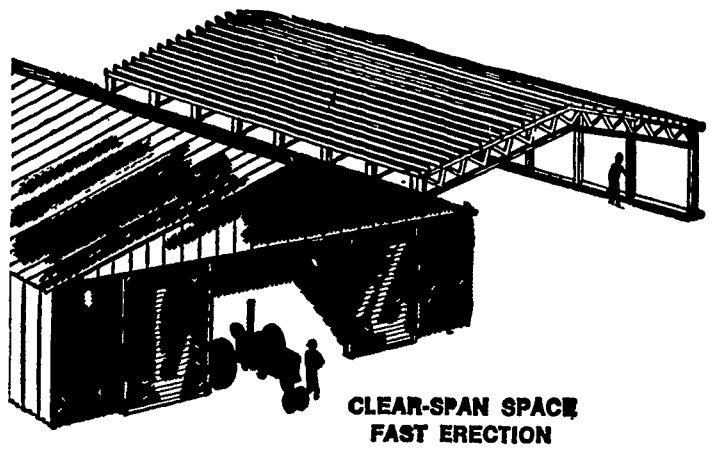

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Methane Inhibitors Can Increase Rumen Efficiency, Firm Says

Feedlot trials with three experimental compounds which increased feed efficiency up to 11 percent and improved daily weight gains of 5.5 percent in sheep were described in a paper, prepared for presentation in Chicago recently at the annual meeting of the Midwest Section, American Society of Animal Science.

The compounds achieved these results by inhibiting the production of methane, a high energy gas, that is wasted by the animal.

Methane inhibitors are under study as potential feed additives at the Animal Health Research Center of Smith Kline & French Laboratories, in suburban Philadelphia.

Results of performance trials with 300 head of feeder lambs were described in the paper, "The Effect of Several Methane Inhibitors on Performance and Metabolite Concentration in Fattening Lambs." The paper was presented by Dr. John E. Trei, a senior nutritionist, Dr. Roger C. Parish, manager of chemistry research, and George C. Scott, D.V.M., Director of Research and Development, of SK&F's Animal Health Products Division. Smith Kline & French is the Philadelphia, Pa., manufacture of prescription medicines and other health-related products.

Both the current and previous performance trials with HCS (Hemicaetal of Chloral and Starch) and related chloral derivatives in cattle and sheep show that they will block methane gas production in the animal's rumen and allow the formation of other substances used productively by the animal for its energy requirements. The livestock producer obtains greater weight gain with less feed.

Gas-forming bacteria produce methane during the digestive process in the rumen, the first of four compartments in the stomach of ruminants (cud-chewing animals such as cattle, sheep, goats, oxen, deer and antelopes). Methane is a high energy gas and a major constituent of natural gas. The animals eliminate the gas by belching.

The experimental compounds are known to have specific effects on the inhibition of enzymatic methane formation which results in a favorable alternation of rumen microbial metabolism and hence feed utilization by the host animal.

The data reported show that when the additives are mixed into finishing rations for fattening lambs, improvements in feed efficiency of up to 11 per cent and gains of 5.5. per cent were achieved.

The compounds at different concentrations were mixed into a pelleted basal ration of ground corn, soybean meal, mixed hay and molasses Feed consumption was recorded daily and the lambs weighed periodically during the study.

The feed efficiency responses observed over six different fattening trials with more than 200 head of steers and 1,000 lambs have ranged from 6 to 14 per cent. In most trials rates of gain were also increased.

The U.S. Patent Office has issued to SK&F patents of HCS and many related compounds.

Dr. Trei said the principle objective remaining is one of defining the proper dosage formulation and determining the feasibility for administration to ruminants on pasture.

SK&F expects to file and Investigational New Animal Drug Application with the Food and Drug Administration later this year Extensive field trials will have to be conducted before the compound can be appvoved for marketing as a feed additive for food producing animals by the FDA.

Same Old Story: Costs Up Faster

Last year, gross farm income was a record $56 6 billion, a gain of $1.1 billion over the preceding year, according to United States Department of Agriculture officials

However, farm production expenses rose nearly $2 2 billion with a result that realized net farm income last year declined more than a billion dollars

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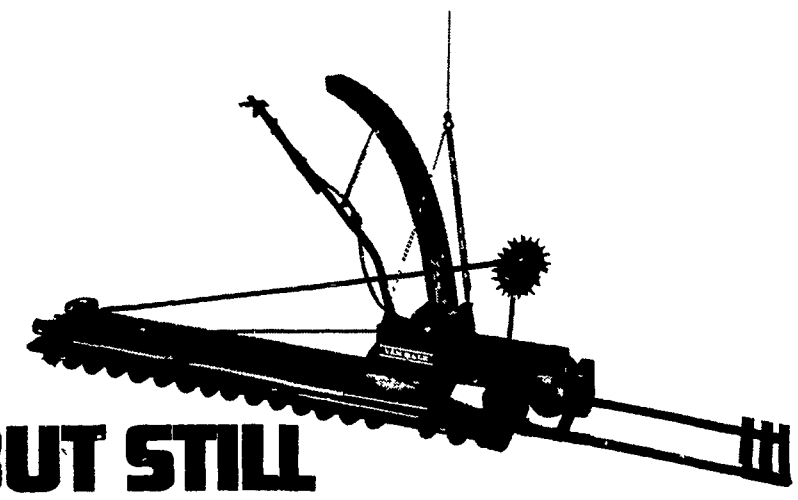

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No Cutthroat Milk Pricing, Please

We noticed Pennsylvania Secretary of Agriculture James A. McHale in an Associated Press photo recently with Governor Milton Shapp and a Philadelphia barber. They were, the story said, dramatizing the governor's opposition to Pennsylvania's system of pricing milk.

While Secretary McHale looked on, Governor Shapp held a gallon container marked $1.28, representing the price of milk in Pennsylvania, and the barber held a container marked 96 cents, the price of milk "at a discount dairy store about 300 yards into New Jersey."

Meanwhile, Pennsylvania egg producers recently have been concerned about some Pennsylvania retail stores which use eggs as "a loss leader" This means the stores take a loss on the eggs in order to get customers into the store; the store's belief, borne out by experience, is that the customer will buy enough other merchandise that the store can still make an adequate profit.

Unfortunately for the egg industry, retail stores which use eggs as loss leaders generate a large volume of egg sales; in order to minimize losses on these sales, these stores use every trick in the book to keep their price to the farmer down.

At the same time, the competition from these "loss leader" markets is felt by competing retail outlets, which also feel compelled to keep egg prices down and prices to the farmer low.

It has long been understood in the egg industry that the weakest seller and the lowest priced retailer have an overpowering influence on the trend of egg prices They keep the price low for everyone, every egg producer suffers as a result of them

Actually, according to representatives of the Pennsylvania Egg Marketing Association, there is a state law against selling products such as eggs at prices lower than the cost of production As with many other laws, the problem is in enforcing it

A similar situation exists with broilers Many retail stores in Pennsylvania sell dressed, whole broilers for prices ranging from 21 to 29 cents a pound. No one believes these birds can be grown, processed and sold at these prices profitable They're "loss leaders," profitable for the stores because of the customer traffic which is generated, but extremely costly to the poultry industry by keeping overall prices low.

As we understand it, one of the primary jobs of the Pennsylvania milk pricing system is to eliminate just this type of cutthroat competition

Because milk is closely associated in the public mind with motherhood and babies, it represents the greatest potential loss leader of all the farm commodities. So it's easy to understand why discount stores would favor elimination of the milk pricing system.

While consumers would benefit initially from low-priced milk, it's certain that retail stores must maintain their profit margins. What's lost from milk sales must be made up from other products.

The real loser in making milk a loss leader and in allowing milk sales wars will be the individual dairymen and the dairy industry.

Possibly the only dairymen who will be able to survive low milk prices without major losses will be those who have their own retail outlets. Dairymen who have high marketing costs, we predict, would feel the squeeze as marketing costs gradually took a bigger share of their milk checks. A major squeeze of this nature on the dairy industry would soon force many small operators out of business and greatly accelerate the trend to large dairy operations, we predict; as the egg and broiler industries have shown, only the large and well-financed operations can survive constant price wars.

Actually, the above points, as vital as they are to the local dairy industry and Pennsylvania agriculture, are not the most important in regard to the trip by Pennsylvania's governor and secretary of agriculture into the supposed milk haven across the New Jersey border.

The most crucial point—as dairymen know full well, but Philadelphia consumers obviously do not—is that the governor and secretary weren't comparing, so to speak apples with apples. They were comparing Pennsylvania retail milk prices with New Jersey discount milk prices. A valid comparison would have pitted Pennsylvania retail prices with New Jersey retail prices; and Pennsylvania discount prices with New Jersey discount prices.

Our sources of information within the milk industry indicate that regular New Jersey retail milk outlets price their milk at levels very comparable with, possibly a little higher than, their counterparts in Pennsylvania. At the same time, comparable "discount milk" is available at comparable prices in Pennsylvania directly from the farm or "jugger" operations This Pennsylvania jugger milk is readily available in most areas directly from the farmer at prices of around 95 cents to $1 a gallon, very comparable to the "bargains" found in New Jersey.

The milk issues facing Pennsylvania include Can we afford to discount the entire Pennsylvania dairy industry, an industry which accounts directly or indirectly for nearly half of the dollar volume of Pennsylvania agriculture?

In our rapidly changing farm economy, which already includes many pressures resulting from costs which constantly rise faster than prices, the prospect of opening milk to use at the retail level as a "loss leader" should be viewed by alarm by all farmers and non-farmers alike.

We can understand that the prospect of low-priced milk is politically attractive to the state's urban citizens, who won't immediately realize the long-range impact of such policies. But we think most urban citizens would join farmers in opposition to low-priced milk if it meant the ruin of Pennsylvania's important dairy industry.

What we don't understand is how the Pennsylvania Department of Agriculture can justify a low-priced milk policy, a policy which can seriously damage dairying, Pennsylvania's most important farm product.

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NOW IS THE TIME..

By Max Smith
Lancaster County Agent

To Control Internal Parasites

For many years both sheep and hog producers included internal parasite control as one of their major practices for good gains and healthy animals. As the livestock population increased, these stomach worms became more common in cattle, both beef and dairy. With the heavy concentration of cattle in Southeastern Pennsylvania, it is strongly recommended that both dairymen and cattle feeders treat their young animals for stomach worms. Feeder calves that have been brought in from areas south of Pennsylvania may have high worm infection due to the warmer and more humid climate. Fecal samples submitted to the local veterinatian will reveal the extent of the worm infestation. Treatment at the beginning of the feeding period, or when six to eight months of age, will produce more efficient gains and more desirable market or replacement cattle.

To Excercise Milking Herd

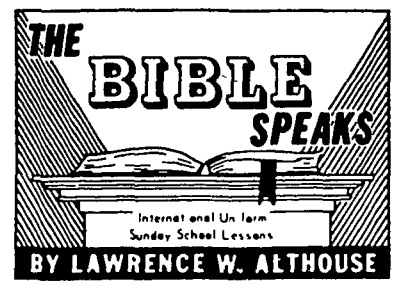
Dairymen with stanchion or comfort stall barns are urged to permit the milking cows daily exercise, if at all possible. There are many good health reasons why the cows should get out of the stalls daily, including breeding efficiency and the condition of their feet and legs. In extremely bad weather this may not be practical, but the other 90 per cent of the time it is best if the cows have a chance to get outside for at least 15 to 20 minutes; do not permit them outside too long or they may lie down on the cold ground and do udder damage.

To Move Silage in Cold Weather

It is becoming a common practice to store surplus silage in a horizontal silo, or a pile, until some has been fed out of the tower silos and then refill from the temporary structure. It is best if this transfer of silage is done during the winter months when air temperatures are below 50 degrees in order to keep heating and spoilage to a minimum. Too often the job is not done until warm weather arrives in March and April and more heating takes place. The silage should be moved as quickly as possible and no preservatives or water should be needed. The feeding of this silage through the tower silos is recommended because of the mechanical unloading and feeding equipment that is a part of most upright silos. It may be fed directly from the horizontal silo if handling equipment is available.

To Practice Good Sanitation

The farmer's image will be improved to everyone if good sanitation prevails on every farm. This is especially true with dairymen due to the handling of fluid milk; the cows should be kept clean as well as the barn and milk house. Many infections are brought home to the farm by the farmer himself or on some of his equipment. Trucks and feed bags have been sources of infection. Footwear that is worn at a public yards or auction should not be worn into the barn with livestock or poultry unless it has been thoroughly cleaned and disinfected. Stray dogs, cats, and birds should be kept to a minimum because of the danger of spreading disease.



A GOD WHO ACTS!

Lesson for December 12, 1971

Background Scripture Luke 1 5-80; 2. 25 35

Have you ever been so excited about something that you've felt you just had to sing about it?

That's the way the writer of Luke apparently felt about the birth of Jesus Christ. In the first two chapters of this gospel he uses four stirring hymns to express both the depth of meaning and feeling stirred by these events. First, there is Mary's beautiful and humble response to the angelic announcement that she will be the mother of Christ (Luke 1 46-55). We call this hymn, the "Magnificat" ("my soul magnifies the Lord . . .").

Rev. Althouse

"Mine eyes have seen . . ."

Then in Luke 1:68-79 there is Zechariah's ecstatic response to the revelation that his newborn son, John (the Baptist), will be the prophetic forerunner of the Messiah. Because it begins with the word, "blessed," it is known as the **Benedictus.**

The announcement to the shepherds of the birth of Jesus is also a hymn, this time by an angelic multitude (Luke 2:14):

Glory to God in the highest, and on earth peace among men with whom he is pleased!

The fourth of these great lyrical testimonies comes shortly after the birth of Jesus when he is brought to Jerusalem for the rite of presentation in the temple, (2:30-32). Here an aged and faithful Jew realizes that this infant is the answer to Israel's hopes. His life is fulfilled: "Lord, now lettest thou thy servant depart in peace according to thy word; for mine eyes have seen thy salvation . . ." This ecstatic testimony is often known at the **"Nunc Dimittis,** ("Now lettest . . .").

Action verbs

If you examine each of these songs closely, you will see, however, that they are not speculative in nature. There are no speculative, philosophical ideas about who or what God is. Rather, they are recountings of what God has done and is doing! These are not passive verbs, but action verbs. They speak of God's activity in his world. For example in Zechariah's "Benedictus," (1:68-79): God has "visited," "redeemed," "raised," "spoke," "to perform," "to remember," "swore," "to grant." This is no absentee God, but one whose presence is evident in the dramatic work he performs.

The verbs describing the response of Mary, Zechariah, and Simeon, are also active. What each has to testify comes, not through idle contemplation, but observation of what God is doing.

The God of Mary, Zechariah, the shepherds, and Simeon was a God who acts. So is ours, if we will open our hearts.

(Based on outlines copyrighted by the Division of Christian Education, National Council of the Churches of Christ in the U.S.A. Released by Community Press Service.)

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Massey-Ferguson 1080 Diesel Demonstrator	7,150
Massey-Ferguson 135 Diesel Demonstrator	3,200
Massey-Ferguson 32 Industrial Loader	1,150
Massey-Ferguson 178 Diesel Demonstrator	5,400
Massey-Ferguson 175 Diesel used 3000 hrs.	3,550
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Massey-Ferguson Super 90 Diesel	$2,600	Massey-Ferguson 65 Gas Row Crop	$1,500
Massey-Ferguson 1080 Diesel	5,600	Massey-Ferguson 85 Gas	1,400
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1960 82 with 12 ft. Grain Head	1,750
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1968 43 4 row 30" Quick Attach Corn Head	2,950
Demo 44 4 row 38" Quick Attach corn Head	3,750
1967 322 3 row 38" Corn Head for 510	1,200
1965 222 2 row 38" Corn Head for 410	975
1966 IH 403 Gas Combine with 13 ft. Grain Head	4,000

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New E.Z. trail 225 Bu. Gravity Box	370
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J.D. Solid Beam 2 - 14" 3 pt. Plow	85
J.D. Spring trip two Way 4 - 16" Plow	975

Demo 5 ft. 3 pt. Rotary Cutter	$315	IH Fast Hitch 3 - 16" Plow	$ 75
New Holland 67 Hay Baler	150	A.C. 3 Furrow Plow	175
IH Hay Crusher	275	New McConnel Plow Packer	150
M-F 4 Row Front Mtd. Cultivator	200	Demo Westgo Stone Picker	625
Pepin Farm Wagon	175	Ford Cultivator	125
4 Row 3 pt. Corn Planter	150	Ferguson Cultivator	125
J D. Hay Rake	75	Ferguson Cultivator	125
J.D. Harvester	30	Oliver 2 - 14 3 pt. Plow	125
New Holland Potatoe Harvester	150	Brillion 9 ft. Culti-Packer	175
New Dunham Scraper Blade	95	3 Section Harrow	50
Garden tractor tobacco Hoer	110	IH Fast Hitch 3 Furrow Plow	75
New Dunham Front End Loader	920	Demo 4 Row Rotary Hoe 3 pt.	550
J D. Pull type Rotary Cutter	275	Demo 4 Row Rotary Hoe Pull-type	650
Littleston 3 pt. Rotary Cutter	475	Demo 6 Row rear Mounted Cultivator	975
Pull-type Weed Sprayer	150	Demo Sauder 9 ft. Vee Snow Plow	290
A.C. 3 Furrow Semi-Mtd. Plow	125	Demo McKee 7 ft. Snow Blower	775

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Demo M-F 399	$ 800.00	Demo 350	$625
Demo M-F 300	550.00	Snowmobile trailer	185

2 New 120 H.P. Perkins Diesel Engine	Each, $1,500
New 95 H.P. Gas Engine	950
2 Perkins Gas Engines for 35 tractor	Each 550
New Perkins Diesel Engine for 165 tractor	900
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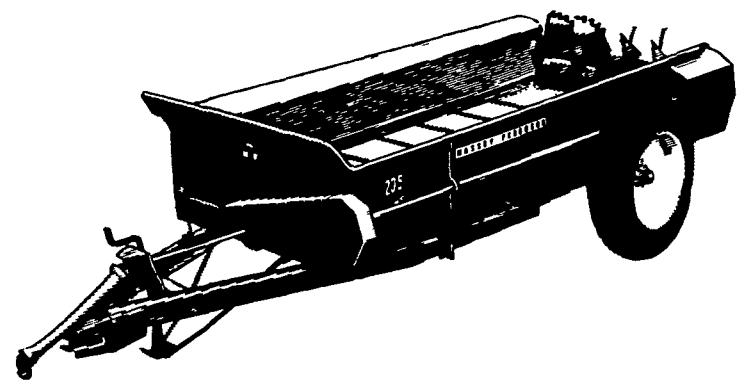

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Pork Merchandising Discussed

Pork customers in the future are going to need and demand more product information and greater convenience, believes Thomas F. Mayer, fresh meat merchandiser for Jewel Food Stores, Inc.

Mayer was one of the principal speakers at the 2nd Annual Pork Promotion-Education Workshop sponsored by the Pork Industry Committee of the National Live Stock and Meat Board in Chicago recently

He elaborated by saying that more specific information on the preparation and use of pork will be needed because many young customers may have by-passed mother's training in cookery.

Therefore, in addition to their usual skills, "the merchandiser and the entire pork industry in the decade ahead will have to be well versed on meat cookery so that recipe and menu planning will be a vital part of their merchandising strategy," he said

The need for quick preparation is also going to be an important consideration, and "this may mean a need for new cuts and new ideas from packers," Mayer continued.

The customer will continue to demand honesty in advertising and labelling. And she's going to be more interested in such things as the nutritional value of pork and how important it is for the well-being of her family.

Variety is another important customer demand, according to Mayer, who went on to say that processors "have found more ways to process and apckage pork than for any other group of meat products They have given us the variety the housewife demands "

Freshness is also one of the customer's primary concerns. "She may know nothing of the producing or processing end of the business, but she can spot a bad ham at the far end of the store," Mayer continued

"And because she feels a deep sense of responsibility to her family to see that they get fresh wholesome food, woe be it to the store or industry that lets her down."

The customer is able to make these demands because: "she is the complete boss of our business," said Mayer. "If she picks up a chicken instead of a pork roast, regardless of her reason, we go out and buy more chicken. And if she picks up a ham instead of a turkey, we go out and buy more ham.

"She is the one who ultimately decides whether to buy or not to buy — and if she does buy, what to buy. It is through her that all of us can hope to exist, and she is the person to whom all merchandising must be directed."

With market conditions as they are and as they have been predicted, Mayer says that retailers cannot only draw new customers to their stores, but must introduce even more to the old-timers to get them and keep them in the pork buying mood.

"Our customers are pork-minded. Now we've got the monentum going and let's keep it going," concluded Mayer.

AFBF Notes Changes In Its Farm Magazine

New editorial goals and a new look have prompted a change in name for the nation's second largest general farm-circulation magazine.

Effective with the February, 1972 issue, The American Farmer will be the name of the former Nation's Agriculture, published by the American Farm Bureau Federation.

Emphasis will be on the business aspect of agriculture, according to William J. Kuhfuss, president, American Farm Bureau Federation. "This will provide farmers and ranchers with information needed to make management decisions in light of today's social, economic and political conditions," he said.

The American Farmer will be circulated to more than 2,000,000 families in 2,820 counties in 49 states and Puerto Rico.

Steve Van Slyke, editor, and Jerry Claar, advertising director, will continue to serve in the same positions for The American Farmer.

xxx

Six states account for 60 per cent of the United States wheat output. Kansas, which produces almost twice the number of bushels as the next ranking state, leads in wheat production.

The Bronx

New York City's Bronx was named for Jonas Bronck, the first European to settle there. From the saying, "We will visit the Broncks," came the name Bronx. Bronck flew the flag that became the model for the flags of the city and state of New York.

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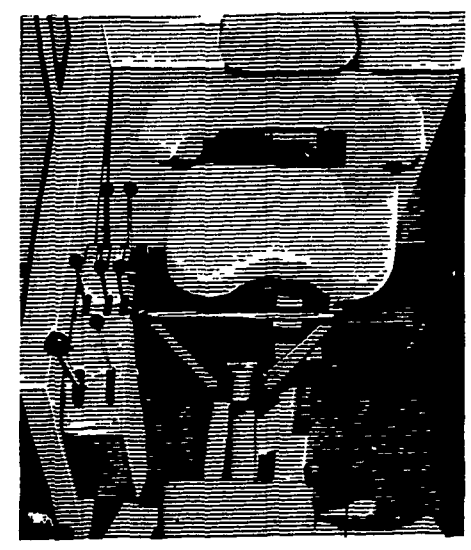

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Co. Farm Inputs Spending Is $118 Million in '69

Lancaster County farmers spent some $118 million during the last census year, 1969, for the purchase of livestock, feed, seed, fertilizer and chemicals, according to the U.S. Department of Commerce

Of the county's 5,323 farms included in the census, 3,075 or 57 per cent, were reported to have had production expenses in excess of $10,000 for the year.

The bulk of the farmers' expense was for livestock and poultry and for the feed to keep these animals.

A total of $37,596,810 was spent in the county for livestock animals and poultry.

The feed bill for these birds and animals came to nearly the same amount, $36,428,277

A breakdown of the feed bill shows that $29,538,252 was used to purchase commercially mixed formula feeds.

Salaries paid for hired farm labor in the county amounted to $6,089,210 of the total figure, while only $2,291,448 went to pay custom operators and contract type labor.

Commercial fertilizers took a chunk of the total amounting to $4,403,962, while the lime industry got $363,958.

Agricultural chemicals including pesticides and herbicides cost the county farmers $777,768 and all forms of petroleum products to operate their farms cost them $2,885,280.

The cost of seeds and plants cost county farmers $1,764,458 in 1969.

The total expenses for farm business needs that year ran roughly a third higher than were reported by the government in 1964.

Not included in the report was the cost of farm equipment, sales for which support a whole industry. Lancaster County farmers during the census year had equipment valued at nearly $47 million.

Included were 10,738 tractors. Based on the 4,328 farms reporting in this category, county farms average 2.4 tractors each.

A total of 490 self-propelled combines were reported to be owned by county farmers while both corn pickers and bailers figured out to number slightly more than one to a farmer.

Penn State Scientists Report Success Using Bacteria Spray on Gypsy Moth

Scientists at Pennsylvania State University are using a bacterial preparation to control gypsy moth infestations of oaks and other trees, it was reported November 29 at the annual meeting of the Entomological Society of America in Los Angeles

The ingredient is a microbial insecticide known as **Bacillus thuringiensis**, announced Dr. William G. Yendol, Penn State associate professor of entomology.

Using sprays of this bacteria, Dr Yendol and associates have reduced substantially the number of gypsy moth larvae compared to larvae on unsprayed trees

Loss of leaves is no greater than 25 per cent in sprayed areas, compared with 50 to 95 per cent defoliation in untreated areas, he said

The bacterium produces disease in the gypsy moth larvae but is harmless to man, wildlife, and beneficial insects, Dr Yendol reported. He said the bacterial spray is produced by three commercial companies and has been registered for use on more than 20 agricultural crops

To become infected, larvae of the gypsy moth must eat bacterial spores After eating these, larvae usually cease to feed and die within three or four days.

Thus, complete coverage of foliage is vital in using this bacterium, he pointed out. He indicated the spray is not effective as a contact insecticide.

Timing of the application is important, Dr Yendol explained from his preliminary findings Spraying should be correlated with foliage development, *usually when leaves have expanded 30 to 40 per cent Such* timing will place the bacterium on foliage when the first and second larval stages, the young forms existing between molts, begin to appear.

White and red oaks were the dominant tree species in 12 one-quarter acre experimental plots used in the spring and summer of 1971 The material was applied with a truck mounted mist blower The spray was used at two rates, 16 billion and 8 billion international units per acre in 20 gallons of finished spray. The two doses produced no significant differences in larval control.

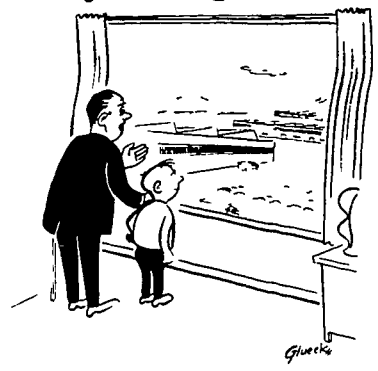
The spray remained effective four weeks after the last application Persistence of the bacterium is important, Dr. Yendol affirmed, since the larvae may hatch over a three to four week period.

The first treatment was made May 27 and two additional applications were made at 10 day intervals. The experiments were carried out at four different plots.

Dr Yendol cautioned that further field testing is needed with **Bacillus thuringiensis** microbial insecticide, placing emphasis on the timing and methods of application.

He observed that defoliation of oaks was greater than for other trees because of larval preference for oaks

My Neighbors



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14	Ea.	5.94
16	Ea.	6.78
18	Ea.	7 99
20	Ea.	9.08
6 x 6 - 14	Ea.	8 90
16	Ea.	10 18
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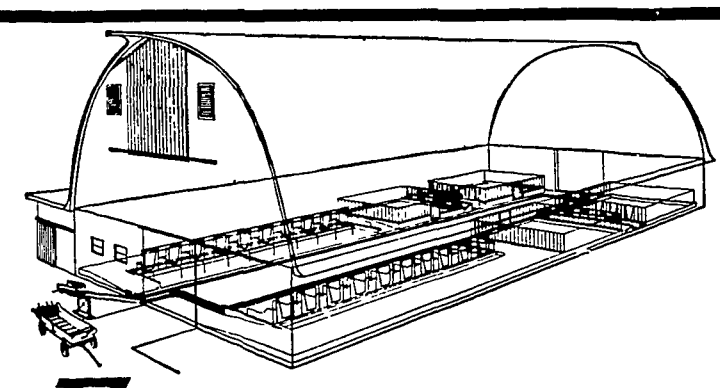

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Lancaster Co. REAP Program Now Offers Help:

Animal Waste Disposal—Some Problems and Solutions

As the local dairy, beef and poultry industries expand in size, one problem grows even faster. That problem is:

How to get rid of the waste in a manner which will keep peace with increasing numbers of neighbors, meet stricter pollution laws and still not cost so much it makes farming impractical?

Increasing attention is being devoted to solving this dilemma. Farmers, agribusinesses, educators and government are among those spending increasing amounts of time and money on this mushrooming problem

One indication of the concern and the efforts to solve the problem is the new program by the Rural Environmental Assistance Program (REAP) to subsidize animal waste storage systems which meet certain minimum requirements. REAP will pay up to 50 per cent or a maximum of $2,500 of the cost of "animal waste storage treatment and diversion facilities," or more specifically, "manure pits and lagoons."

Lagoons are not allowed in limestone soils, however, because of the danger of underground pollution. Since limestone underlines a major portion of Lancaster County, lagoons are severely restricted under the REAP program.

According to Orval Bass, district conservationist of the U.S. Soil Conservation Service, Lancaster County is mostly going withholding tanks under the subsidy program.

Reasons for Holding

The primary purpose of these tanks, he explained, is to hold the manure for extended periods of time so that it can be spread under ideal conditions.

Requirements are that the tanks be large enough to hold waste output of about 100 days.

The 100 day figure enables farmers to avoid spreading manure on frozen ground. In Southeastern Pennsylvania the frozen ground or holding period runs approzimately from mid-December till April 1, or about 100 days.

Some of the major pollution problems stemming from an animal wastes are believed to result from spreading manure on frozen ground, Bass explained. When the ground is frozen, the manure readily mixes with rain and runoff to flow into streams.

When the ground is not frozen, the manure mixes with the soil and there is relatively little runoff, Bass explained.

Until recenlty, nearly all local farm waste disposal systems have operated in one or two manners: Either the manure has been hauled daily or nearly so, or else it has been stored only briefly—possibly for a couple of weeks.

Even where storage has been for longer periods, it has not usually been long enough or timed in such a way as to avoid frozen ground.

Another problem with systems of limited storage capacity has been lack of available ground for disposal during the long summer crop season. Some farmers have solved this problem by growing a variety of crops and grains with different planting and maturity dates. Increasing use of corn has aggravated the summer disposal problem.

The storage of the waste also allows—to the greatest extent possible—the spreading of manure on days when the weather is suitable. Rainy weather, particularly when the ground is water-logged, is to be avoided because of increased dangers of runoff.

Farmers with neighbors also know that some kinds of weather are better than others to keep odors to a minimum.

Large Storage Needed

Obviously, to hold the waste from a modern farm opeation for 100 days requires a very large storage facility.

For design purposes, Bass figures the farmer needs to allow storage capacity of 15 gallons a day for dairy cows, 12 gallons a day for beef cattle, 2.1 gallons for pigs, .81 gallon for sheep and .047 for poultry.

That figures out to a 37,500 gallon tank for a small 25-head dairy operation; a 150,000 gallon tank for a relatively large 100 head dairy operation; a 120,000 gallong storage for a 100 head steer operation.

A similar 100-day capacity for a 10,000 poultry operation would be 47,000 gallons.

Design, Costs

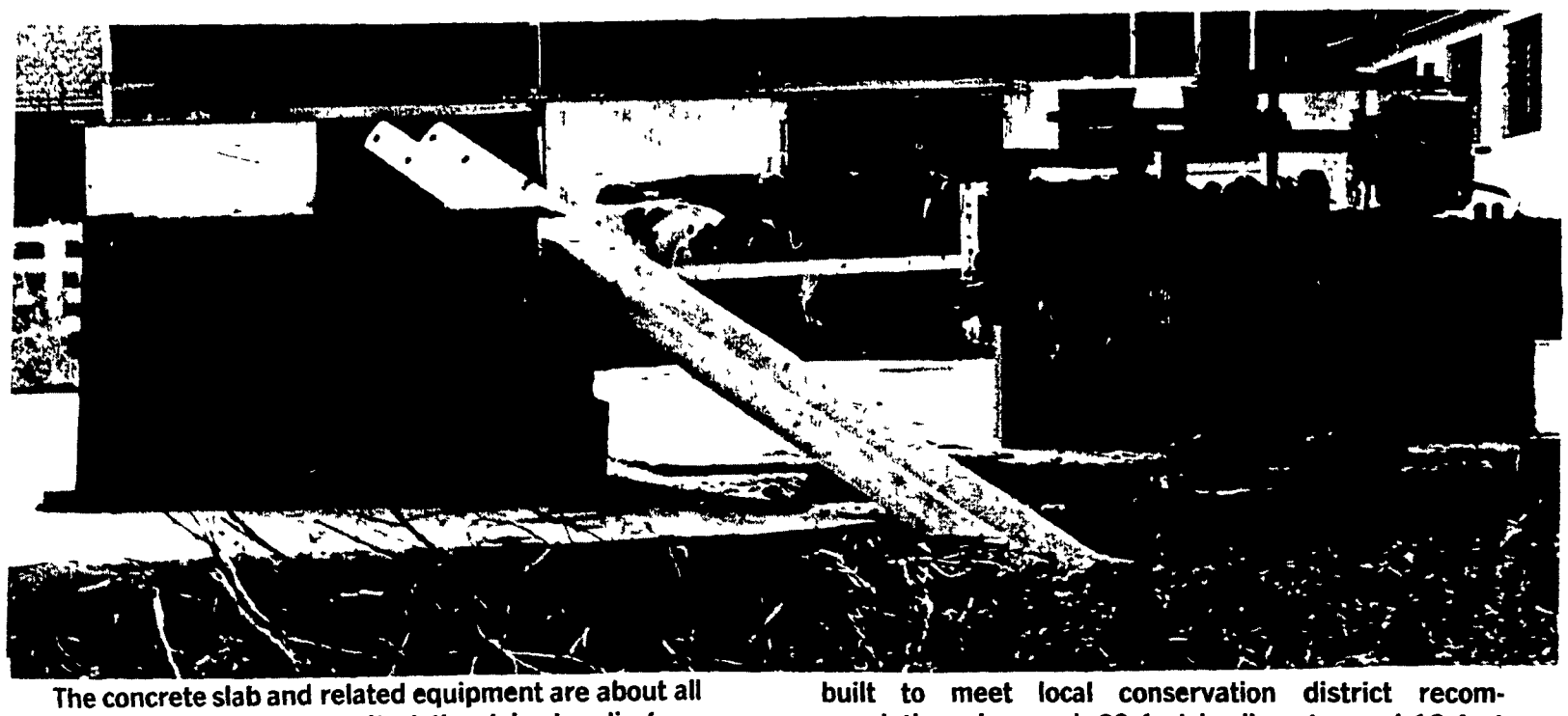
Systems of this type which are being approved under the REAP program, Bass said, are either approved prefabricated concrete or reinforced concrete poured on the site.

Cost of these systems varies considerably. Bass has seen them run all the way from about six cents per gallon of capacity up to about 18 cents.

For a 60 cow dairy herd, Bass figures a reasonable cost estimate would be $6,000 for a pit alone, with an extra $3,000 to $4,500 for related equipment. Obviously, it's costly.

Bass warns farmers that REAP funded projects must meet minimum standards to insure they work. Some local farmer attempting to take shortcuts on costs found their tank didn't work and the money was wasted, he stated. Failures have resulted both from systems which sprang leaks and from systems which simply collapsed

(Continued on Page 15)



The concrete slab and related equipment are about all that's visible of the large pit at the John Landis farm near East Petersburg. The animal waste storage pit, built to meet local conservation district recommendations, is round, 30 feet in diameter and 12 feet deep.

A Look at 3 Animal Waste Systems

Orval Bass, district conservationist of the U.S. Soil Conservation Service, recently showed Lancaster Farming three animal waste disposal systems which he thinks are working. (See related story on this page.)

One on the John Landis farm near East Petersburg was installed by Zimmerman Industries, the Ephrata pre-fab concrete firm The round 36-foot diameter pit is 12 feet deep. It was built early this year with REAP help

Landis' pit was installed to the rear of his dairy operation on open ground. The pit itself is underground, with just the concrete surface showing just above ground level. This concrete surface has a couple of openings to allow the waste to flow in and be pumped out into the "honey wagon."

Weidler Grube, who lives farther north just off Route 283, has been operating what Bass considers to be a similar and successful system, which was built long before REAP got into the act

Grube's system, built in 1967, is not visible to the casual observer

His sytem is also built underground, with a concrete surface. But the concrete surface is part of a larger rectangular concrete feed lot or walking area for his animals. About the only thing which gives his pit away is the system which brings the waste from the barn to the pit.

Grube's pit has the same diameter, 30-feet, as Landis', but at eight feet deep, it's four feet shallower. But Bass explained that it still has 100 days of capacity, since Grube has a relatively small dairy herd

John B. Groff, Mount Joy RD1, has an entirely different kind of system, but one which Bass thinks is very successful. It's an irrigation system.

Groff said he got his ideas for the system from Donald Hostetter, Chester County.

The system begins with two 160-foot gutters which slope at the rate of one and one-half inches per 10 feet. These gutters carry the animal waste directly into a large pit at the low end of the bulding

Periodically, Groff opens the gate of his gutters and flushes with water from a pond which he built near his barn. Besides cleaning the gutters, the water serves to liquify the waste and make it suitable for irrigation.

The only power used in the system is a three-phase 30-horespower motor which pumps water into the gutters from the pond and pumps the sludge into the fields.

The only problem so far with the system is that the nozzles sometimes clog up out in the field. Groff presently is looking for a better type of nozzle.

Another drawback of Groff's system, according to present REAP standards, is that the pit has only a 30-day storage capacity, while recommendations are for a 100-day storage to get over the winter freeze. Because of limited storage, Groff has to irrigate every 30 days.

Orval Bass
District Conservationist

But Bass feels that Groff has a very minimal problem of pollution because his farming practices include a complete conservation program. "I wouldn't advise anyone to irrigate without waterways and terraces because of the dangers of runoff following a heavy rain," Bass said.

Groff has been using his irrigation system for a year. He has 68 milking cows. His new veal operation is also on the system.

A major advanatage has been that it saves labor.

He previously hauled every day and it took about 50 minutes to load and unload.

Now he figures about six hours a month, pushing switches and occassionally moving an irrigation pipe.

This is a view of John B. Groff's veal calf pens. The facility was designed in such a way that wastes from the pens flow into his irrigation system.

REAP Help on Waste Disposal

(Continued from Page 14)

under the tremendous pressures exerted by many tons of waste.

Many systems of this type being built now are with concrete block with steel rods and concrete through the holes in the blocks. These do not meet REAP specifications and some of these systems have collapsed on local farms, Bass said.

Conservation Also Needed

There's another string attached to REAP funding of the storage pits. Funds will be awarded only to farmers who "have adequate land treatment."

Adequate land treatment means "a complete conservation applied to the land, including strip cropping and terraces where needed." This applies to those portions of the farm on which the manure will be spread.

The reason for the requirement for the use of these conservation practices, Bass explained, is "the feeling there's no reason to finance a pit if the farmer is going to allow the manure to run into the water system after it is spread."

While keeping the manure off the frozen ground during the winter eliminates some runoff problems, when the manure is spread in the spring, it is spread in much large quantities than under the present daily spreading system. If erosion and heavy runoff occur during or shortly after spreading under the new system, the pollution potential is still great on land without conservation practices, according to Bass.

But experience with local farms which have been properly treated with conservation measure, including waterways and terraces, has shown that there is very little runoff of soil and other solids, Bass explained.

The terraces in particular catch the water, slow its movement, allowing more of the water to be retained by the land and preventing erosion.

Bass conceded the large pit system poses one problem, an odor problem. While the problems doesn't exist as many days of the year, when spreading does occur, the problem is more acute.

But care in picking the right kind of weather to minimize odors and even plowing down soon after spreading are among techniques which can miminize the problem, he said.

He added that he thinks farmers will have an easier time placating urban neighbors on the odor problem if the neighbors know the problem is going to exist only for short period and infrequenlty.

(Editor's note: To eliminate the odor problem, which is partiularly severe with large poultry operations Penn State University poultry scientists have made considerable progress on developing a drying system to make the poultry manure both much lighter in weight and odorless. Work is now underway to reduce the cost of the process an to develop market sfor the finished product in order to offset the drying costs.

What appears to be simply a concrete feedlot on the Weidler Grube farm is actually a little more. Underneath is a 30-foot diameter storage pit for animal waste. It's designed to hold these wastes up to 100 days for Grube's scale of operation.

4-H Calendar

Monday, December 13

7:30 p.m. — Lancaster County Ayrshire, Jersey, Brown Swiss 4-H Club Christmas party, home of Ken Eshleman, Rheems.

Wednesday, December 15

8 p.m. — Lancaster County 4-H Roller Skating party, Rocky Springs Park.

Thursday, December 16

7:30 p.m. — Lancaster County Red Rose Baby Beef and Lamb Club meeting, Farm and Home Center.

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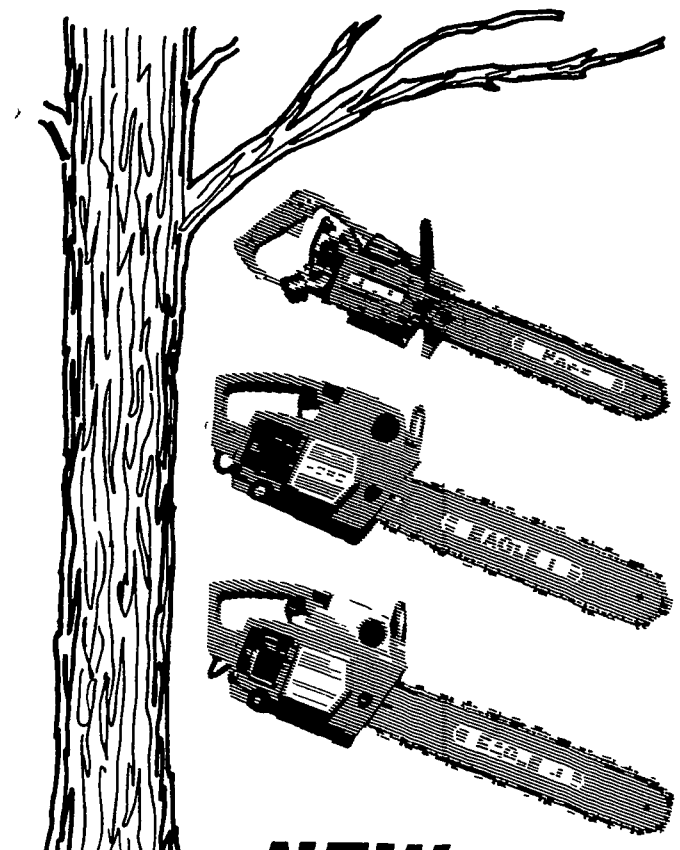

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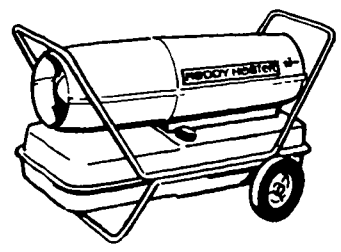

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Across the

Editor's Desk

Editor's note: The national egg bust has been a fact of life for egg producers for about 18 months. With prospects that the bust will continue for at least several months longer and with the economic squeeze on individual egg producers steadily building, attention of industry leaders has increasingly turned to ways of improving the situation. Almost inevitably, among those under fire is Urner-Barry Publications, the national egg market price setter. The Poultry Times recently carried the following report under a Manchester, Conn., dateline of Frank Urner's views on the durrent egg industry situation:

The trend to bigness which has characterized the U S egg industry is the chief reason for eggmen's failure to adjust production in time of poor prices

That's the opinion of Frank Urner of Urner-Barry Publications, Jersey City, N J, who addressed a meeting of Connecticut poultrymen from Tolland and Hartford Counties

Urner noted that in the past when flocks were more numerous and smaller, a condition of overproduction led one, and then another, producer to quit egg production and concentrate on other plases of agriculture or change completely to another vocation

"Under present circumstances, however, with the larger production units, frequently complete with a feed operation and cartoning facilities, terminating egg production in favor of production of other commodities is practically impossible and terminating with the idea of entering other employment is equally unrealistic," he said.

"Therefore, we find today overproduction in relation to demand and the desired reaction that would occur with low prices is so slow that it can hardly be measured," Urner pointed out.

"There are sizeable production units that cannot cut back because financing then has to be settled, so these units continue in production, completely inflexible so far as market conditions dictate. They continue only with the hope that they can outlast their competitor.

"Even when one of these units goes bankrupt, the facilities are not liquidated but are acquired by someone else at a lower investment and the production is maintained practically intact"

Urner said that one can conclude that the law of supply and demand operates with much greater difficulty under today's conditions

The speaker went on to outline how his firm issues a base price series and then told how prices are paid in relation to this quotation Noting the erosion of premiums over the years to the present situation where good producers in the Northeast do well to receive five or six cents below the top Urner-Barry quotation for large whites, Urner chided those who see as the answer to the situation a higher base quote

"If the quoted prices do not accurately reflect trading conditions, the market will find its on level by some means. This may come about by a swing to more direct negotiations, by wider discounts in relation to the quotes or through a combination of bids and offers," he said

"But find its level it will and any theory that assumes that merely raising the quotation will answer the producer's problems is absolutely untenable," he added "Fortunately, we feel most elements of producer organizations agree with us and only a few diehards still insist that the industry would be in clover if Urner-Barry would simply publish higher quotations"

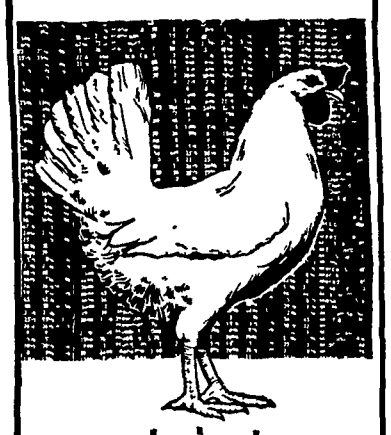
Urner also discussed the role of United Egg Producers and its affiliates, stating·

"UEP effectiveness appears to have suffered some under internal dissension, particularly as regards the need for the proper methods of involvement in efforts to affect market prices. We found a considerable dissatisfaction with the recent UEP activities in the Chicago futures market."

The speaker said that the first cutback in production advocated by UEP was quite effective. "In fact, if other areas of the country had followed the guidelines to the same degree as the Northeast and Southeast the egg market report today would be more pleasant to read."

In closing, Urner urged more effort to uncover the role of cholesterol and to correct misconceptions in this area. He also told the group that consumers should be made aware of the cost per pound of eggs, noting that at 59 cents a dozen the cost is 39 cents a pound.

"The tip you leave for a meal now would have bought it ten years ago."



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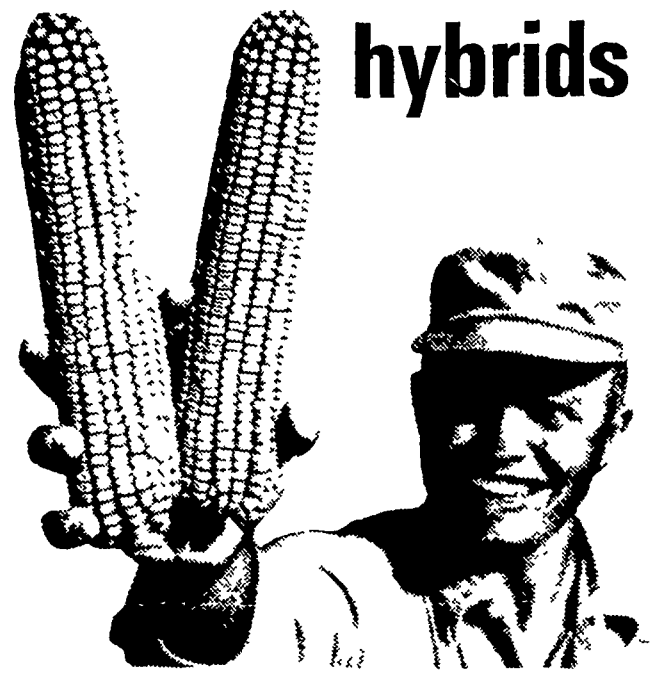

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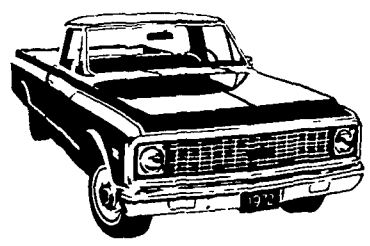

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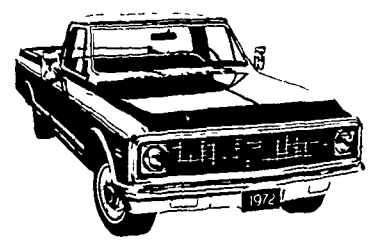

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Trone Named Chairman, Adventurer to Speak

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Tom Trone has been appointed chairman of the Pennsylvania Poultry Federation's Banquet Committee by Robert Shelly, Federation president

Trone spent 17 years as an airline executive in New York and Washington, D. C., beofre becoming a successful Adams County poultry farmer with 54,000 layers.

Trone is in the process of finalizing the plans for the 1972 Farm Show Banquet which will be held at the Penn Harris Motor Inn, Camp Hill, on January 12, 1972, in conjunction with the annual Pennsylvania Farm Show.

The two other committee members are the immediate past banquet chairman, Hendrick Wentink, of Pennfield Corporation, Lancaster, and James Price, manager of the York Feed Plant of Beacon Milling Company.

Philip Geary
Poultry Banquet Speaker

Trone reports that he has engaged Dave Baker of York, as musical ensemble, to furnish music during a social hour which will start at 6:30 p m. The banquet will get underway at 7 30 p.m. with continuous music during the banquet, and will play for dancing till 11·30 p m

Trone said his Committee is hopeful of selling a large group of "tables of eight" to some of the larger poultry industry operators in Pennsylvania Committments have been received from many companies

The first company to purchase a complete table was H W Longacre, Inc , Franconia, Pa

All organizations buying a table of eight will get special recognition by having the name of their company posted on their table and will become a member of the Pennsylvania Poultry Federation "Blue Ribbon Booster Club" These companies will also be given special recognition on the banquet program and in the annual directory and report of the Federation.

Adventurer to Speak

The featured speaker of the evening will be Philip Geary who is TWA's Roving Ambassador He is known across America as "an Adventurer with a message". Geary is a rare combination of globe-trotter, explorer, businessman and communicator.

Geary has lived among primitive tribes in India, Africa, and South America. His curiosity about the exotic peoples of the world began with a sojourn of five years among the aboriginal Santals of Bengal, India. Recent "expeditions to understanding" have led him to the Karamajongs of Uganda, the Bhugtis of Baluchistan and the Bagielli Pigmies in the African Cameroons.

As an accredited correspondent at the United Nations, Geary has filed on-the-scene reports of the political crises in Cyprus and Kashmir, India.

He has interviewed such world dignitaries as King Mahendra of Nepal, the exiled Dalai Lama of Tibet and the late Prime Minister of India, Jarwahalal Nehru. Geary's taped reports have been played on NBC Monitor Radio.

Prior to his globe-circling assignments as a special representative of various international corporations, Geary played the educational television role of "The Finder", sponsored by the Ford Foundation.

Currently, Philip Geary directs the Air World Education program for Trans World Airlines — a communications project embracing 26 overseas countries and the U.S.A

A native of Pennsylvania, Geary is a graduate of Gordon College in Boston; he served as an Army Chaplain on Saipan in World War II, received his pilot's wings in 1947 and was elected a Fellow of the Royal Geographic Society in 1953 and a member of the Explorers Club in 1969

An Unusual Menu

Trone is planning an unusual menu: He is assuring the purchasers of tickets that they will be treated to an excellent meal which will be different

Trone is also completing his list of team captains to help on ticket sales.

Between 500 and 600 Pennsylvania poultry industrymen and poultrymen will be attending this Annual Farm Show Banquet in the beautiful ballroom of the Penn Harris Motor Inn, Central Pennsylvania's finest ballroom. Tickets can be ordered from any of the members of the banquet committee or by writing to the Pennsylvania Poultry Federation Office, 3807 Paxton Street, Harrisburg, Penna. 17111.

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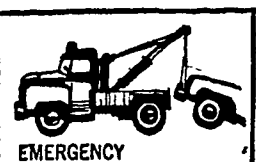
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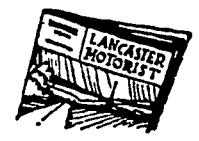

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Stauffers Are Conservationists—And Much Else

By Mrs. Charles G. McSparran
Farm Feature Writer

Conservation is a familiar byword at the Aaron Z. Stauffer home on Stevens Road, Ephrata RD1.

Not only is Mr. Stauffer chairman of the Lancaster County Soil and Water Conservation District, a post he has held for two years, but he was elected president of the Pennsylvania Association of Conservation District Directors, Inc , at their annual meeting in Pittsburgh October 12, 13 and 14, 1971 He succeeded Clifford Tinklepaugh of Susquehanna County

At the same time Mrs. Elva J Stauffer, by virtue of her husband being elected state president, was elected state president of the Ladies Auxiliary. The Ladies Auxiliary of the Pennsylvania Association of Conservation District Directors, Inc., is only five years old, although the national auxiliary is older.

There are four state council and auxiliary meetings a year and Mrs. Stauffer's first meeting to preside over will be January 7 and 8, 1972 It will be held at the Agricultural Building across from the Farm Show Building, Harrisburg

She and Mr. Stauffer will represent Pennsylvania at the National Association Conservation District meeting in Washington, D C., February 13 - 17, 1972. The National Association of District Directors has representatives from all 50 states.

The ladies auxiliary does not have representatives from all the states because some states do not have auxiliaries, although it is the goal of the national organization to have an auxiliary in each state. They will also attend the Northeast Area Conference in August.

The state in made up of 455 District Directors, seven each from 65 counties. They have contests in FFA Conservation, Public Speaking and Land Judging each year.

The Goodyear Tire & Rubber Company gives awards to an outstanding farmer cooperator in each state. Each county district selects an outstanding cooperator, then the winner of the state and a district director can go to the Goodyear Company ranch in Arizona. Elmer Good, Amos Funk and Henry Hackman from Lancaster County have received this award in past years.

They sponsor a plowing contest each year which is held at

Mrs. Stauffer is at home in her kitchen where she enjoys baking in quantity for her family and friends.

Agricultural Progress Field Days at Pennsylvania State University's Rock Springs Agricultural Research Center. Also a Conservation Queen is selected at this time

Committees functioning at the annual state session in October are: district operations, legislative, recreation and wildlife, water resources, resolutions, public relations, education and youth programs, forestry and annual conference committee Mr. Stauffer was on the awards committee at the October meeting in Pittsburgh.

Mrs Stauffer's duties as president of the Ladies Auxiliary of the Pennsylvania Association of Conservation District Directors, Inc., besides presiding at the quarterly meetings and representing the state at national meetings, are to hand out soil conservation materials at the Agricultural Progress Field Days, try to get schools to take children out to farms to see soil conservation at work, try to get different types of soil conservation books in school libraries, assist the District Directors with their work and help to get auxiliaries organized in the counties.

The county Soil and Water Conservation District is governed by a board of eight directors who are appointed by the County Board of Commissioners from a list of nominees submitted by county-wide organizations. It is composed of four farmers, two urban residents and one County Commissioner.

Mrs. Aaron Z. Stauffer, president of the Ladies Auxiliary of the Pennsylvania Association of Conservation District Directors, Inc., gavel in hand, looks over some of the conservation literature.

At the present time others serving as Lancaster County directors with Stauffer are Henry H Hackman, executive assistant, hired on a part-time basis this year and working closely with Stauffer, Amos H Funk, vice chairman, William Rohrer, treasurer; Mrs. Nancy J. Burkhart, secretary; J. Everett Kreider, Kenneth C. Depoe; Robert K. Mowrer and Abram D. Dombach, commissioner member.

There are 1,530 farmer cooperators in Lancaster County.

The District and the following conservation team act to encourage the application of natural resource conservation: Lancaster County Agricultural Extension Association, Lancaster County Planning Commission, Lancaster County Agricultural Stabilization & Conservation Committee, Lancaster County Health Department, Pennsylvania Game Commission, Pennsylvania Fish Commission, Pennsylvania Department of Environmental Resources, Pennsylvania Department of Transportation, Pennsylvania Department of Agriculture—Soil and Water Conservation Commission, U. S. Soil Conservation Service, U. S. Farmers Home Administration and some Ag teachers and FFA boys sometimes sit in on their meetings to observe their planning for conservation

The District meets the first Wednesday of each month There are also local water shed meetings held to get local farmers signed up as cooperators

Bear in mind that appointed farmer and urban directors serve without pay and only limited funds are provied for their travel expense

Lancaster County District Directors are vitally concerned about zoning This has become a necessity, Stauffer explained, because of fertile agricultural land falling prey to building developments and industrial sites and also because of pollution of underground streams Also in some cases the state is taking farm land for recreation areas

At the present time there are four townships and two boroughs that do not have planning commissions in the county and there are two townships and two boroughs that have planning commissions, but are not working on a comprehensive plan. The rest of the townships and boroughs are zoning their areas with the help of consultants.

Lancaster County Soil and Water Conservation District took 24 boys from the city of Lancaster on a bus tour of county farms last summer. They were picked up at the Farm and Home Center and the Lancaster County Soil and Water District Directors kept them in different homes overnight This was done to acquaint city boys with what is being done in the way of conservation. Stauffers entertained two boys

The history of the Lancaster County Soil Conservation District goes back to October 19, 1938 when 15 of the southern townships organized February 24, 1950 the Lancaster County Soil Conservation District was organized on a county-wide basis.

In looking over replanting of trees to improve air quality and runoff, county farms which are contoured, highway banks which are planted to prevent erosion, farm ponds, recreation areas which include boating and fishing facilities, wildlife preserves, as well as picnic areas, we see that great strides have been made and yet much remains to be done in the field of soil and water conservation.

Along with new housing developments comes the problems of securing adequate pure water supplies. Also steps must be taken to prevent pollution of our streams.

Lancaster County has had Soil and Water 4-H Clubs for about six years. They had one in the northern part and one in the southern part of the county, although there was none the past year in the northern end. Vincent Hoover was club leader for the southern club. Club members make projects to show how to take care of the land. The County Soil and Water District holds picnics for them.

Mr. Stauffer and John Herr, Annville, Lebanon County, invented a bottom silo unloader four years ago. A local company made it first. Now Flying Dutchman, Inc., of Smithville, Ohio, of which Mr. Stauffer is vice president, sells it. It is patented and is known as "Flying Dutchman Bottom Silo Unloader." Mr. Herr sold out his half to the company.
constructed silos. Quite a few are sold locally but more are sold in the midwest where it is manufactured. Some are sold in Canada and England.

The Stauffer Farm

Stauffers own and operate a 68 acre farm near Ephrata. They have been on this farm 24 years and Aaron is the third generation to own it. The whole farm, except three acres of tobacco, is in corn. They have two silos. They also farm 20 acres of corn on the halves with another farmer on a nearby farm. They buy their straw

They raise 170,000 broilers a year Until seven years ago, they had a 23 head dairy herd and kept 500 to 600 laying hens which they raised from chicks They built a 400 foot long broiler house and a smaller one.

They now start 34,000 broiler chicks five times a year and keep them eight or nine weeks They are raised on contract The first 10 days they must be tended to by hand, but after that the feed and water is automated

They have 24 gas brooders in two houses Each accommodates 1,100 chicks.

They also finish 80 head of steers a year Some buyers come to their farm to buy the steers, but most of them are sold at New Holland and Vintage.

The Children

Stauffers have three children. Ronald is 19 He took the Ag course at Ephrata High School and graduated in 1970. He was in the 4-H Soil and Water Conservation Club four years He won an FFA Conservation Foundation Award and a state conservation tour over the eastern part of the state.

Ronald was in the Lancaster County 4-H Baby Beef Club six years. He always had an Angus steer. He won with one steer at Lancaster and placed fourth in Harrisburg. He does most of the farming at home this year, since Aaron is away so much. He is a real sports fan, enjoys all kinds of sports and knows all the athletes.

Clark is 18. He also took the ag course at Ephrata High School and graduated in 1971. He won a trip to Kansas City on a FFA meat judging team. He was on a parliamentary procedure team. He was in the Cloister Chapter FFA and received County Red Rose degree in 1969. He won Keystone FFA degree in 1970. He won at Ephrata FFA local chapter public speaking contest and placed third in the county. He was in the 4-H Soil and Water Conservation Club and won a trip over the western part of the state. He also won a tractor driving contest at County Soil and Water Conservation plowing contest a couple of times.

Clark has a Hereford steer in the 4-H Baby Beef Club and has

Aaron Stauffer
Conservationist, Farmer

had a Hereford each year. He won a showmanship award on his steer at Lancaster in December 1970 and placed second at Harrisburg. He works full time for Stauffers of Kissel Hill at landscaping. He likes it, but also wants to be a farmer. He helps some on the farm in the evenings, especially in the field in the summer.

Shirley is 13 and in eighth grade at Ephrata Junior High School. She takes part in school athletics. She has an Angus steer and has been in the 4-H Baby Beef Club two years. She was also in the 4-H Sewing Club two years, but likes anything outdoors better than sewing or housework. She likes to bake.

Other Activities

Stauffers are members of Hinkletown Mennonite Church where Mr. Stauffer teaches the men's Sunday School class. Mrs Stauffer belongs to the sewing circle. They make quilts and layettes and send soaps and blankets to mission stations.

The quiltsgo to the Morgantown Relief Sale. Mrs Stauffer helps to sell coffee at the Relief Sale. The whole circle of 20 or 30 ladies goes to the Mennonite Central Committee at Ephrata once or twice a year to do quilting

Mr. Stauffer is a member of the Pennsylvania Farmers Association Once a month about eight or ten families get together for a council meeting where they discuss local issues and legislation There are a few such groups across the state, three of which are in Lancaster County.

Aaron is a member of the Ephrata Chamber of Commerce which meets once a month. He is serving on the Agriculture Committee.

He is chairman of the Farm

(Continued on Page 19)

Stauffers Are Conservationists

(Continued from Page 18)

and Home Administration of Lancaster County.

He is also a member of the Cloister Chapter of Young Farmers at Ephrata.

Mrs. Stauffer has been a demonstrator of Stanley Products for 15 years and is also a unit sales leader with nine working under her. She says "I really enjoy it, you get out to meet a lot of people." She puts on from three to five parties a week. She goes as far as Pottstown or Bethel, in Lebanon County, but would rather stay within a 15 mile radius. There are 115 dealers in Lancaster County.

Mrs. Stauffer takes foster children from the Children's Bureau. She had a four month old baby four different times and kept it three months one time. She says she does it mostly for her 13 year old daughter who enjoys having them.

Mrs. Stauffer is chairman of the Ephrata Fresh Air Committee. They get about 40 children for two to six weeks every summer. She has entertained one or two every year for 24 years. She says "I really enjoy it and I think it's for a good cause."

Elva says, "I enjoy going to help in Homes." Her church group visits children's and home for aged at Hamburg where there are 1,300 retarded children and adults. They also visit the Mennonite Home at Millersville. She places 8 to 15 of the children in homes for Christmas so the workers can have Christmas Day off.

Mrs. Stauffer was active in the PTA and served as vice president when their boys were in Lincoln School.

Mrs. Stauffer loves to attend household sales. She buys mostly china and glassware, but buys some furniture. She has several pieces of antique furniture and a lot of antique dishes.

Elva helps with feeding the chicks and steers, also helps out in the fields when necessary. She doesn't need to help out so much now that the children are big enough to help. She raises one-fourth acre of sweet corn to sell and takes care of the garden. The children mow the lawn but she does the clipping and takes care of her flower beds. She has two 18-foot freezers which she fills and does a lot of canning.

Elva was a daughter of the late Mr. and Mrs. William Z. Martin. Her father conducted horse sales one-fourth mile north of New Holland, toward Hinkletown. She was raised on a farm there and used to run the restaurant for her dad at the horse sales. She used to bake 20 to 30 pies at a time. It is easy to understand then why she says she likes to cook for company.

Here is a recipe that will keep in the refrigerator for a week or two:

BUTTERSCOTCH PUDDING

2 cups brown sugar
2½ cups water
2 tablespoons flour
1 egg
Pinch of salt
Peanuts
Marshmallows
Bananas
Vanilla

Mix water and sugar; bring to boil. Mix flour and egg with a little water. Add to water and sugar. Boil. Chill.

Before serving add peanuts, marshmallows, and bananas.

xxx

MOLASSES PIE

2 tablespoons flour
2 eggs
1 cup thick milk
½ cup sweet milk
½ teaspoon soda
1 cup sugar
1 cup molasses
Coconut, if desired
1 teaspoon butter

Put mixture into unbaked pie shell. Bake at 400 degrees until firm.

xxx

SHIPWRECKED

1 lb. hamburger
1 teaspoon salt
1 onion, cut fine
1 cup celery, cut fine
1 can kidney beans
1 can tomato soup
4 potatoes, cut like french fries

Brown hamburger; add salt, onion and celery. Place a layer of hamburger in casserole, then potatoes and beans. Pour soup over top and dot with butter. Bake at 350 degrees for 1 hour, until potatoes are soft.

xxx

PUNCH

1 12-oz. can frozen orange juice
1 6-oz. can frozen lemon juice
1 6-oz. can frozen pineapple juice
Brew:
6 tea bags in
1 pt. boiling water
6 cups sugar
6 qts water
2 qt 7-up or gingerale
Maraschino cherry juice from 1 jar cherries

Freeze cherries in ice cubes and serve the cubes in the punch

Ladies, Have You Heard?

Doris Thomas

By Doris Thomas, Extension Home Economist

Let Microwaves Do The Cooking

Out of the future and into the present have come microwave ovens.

Already in home kitchen use, the microwave oven is a "cool cooker": only the food gets hot.

Not only that, but it is fast. Imagine a four-minute baked potato or a turkey roasting at seven minutes per pound instead of the conventional most-of-the-day technique.

Frozen foods can be quickly defrosted and precooked meals are a snap to reheat.

In many families dinner time often is a battle among meetings, sports practices and so forth. It is difficult for the entire family to always sit down together for a leisurely meal. The homemaker with a microwave oven as a supplement to the conventional range need not choose between extra cooking or serving unappealing warmed-over dishes.

On hectic evenings, individual portions can be dished out; as each member of the family puts in an appearance, it is easy to pop a pre-served plate into the microwave oven. The radiant energy will rapidly produce a piping hot meal without the look or taste of leftovers and no extra kitchen clean-up duty.

How does the microwave or electronic oven work?

Microwaves are invisible, high energy, high frequency sound waves. They are absorbed by food, are reflected by metal and pass through most other materials including glass and plastics.

When the waves penetrate food they are converted into heat. Cooking then takes place from the center of the food to the edges which speeds cooking time.

Some microwave ovens have a browning element for additional browning, but even without the feature, meats cooked in a microwave oven for more extended times will have an attractive, browned appearance.

Foods may be cooked in microwave ovens in dishes and pans of china, earthenware, glass and most plastics, but never metal or metallic decorated china or glass Paper plates, cups, dishes and towels may also be used. China and glass utensils which cannot be used in a standard oven are perfectly safe in a microwave oven

Imagine the mix, freeze, bake and serve in one dish possibilities.

When the microwave oven is not is use, place a small bowl filled with water on the bottom shelf If the microwave oven is accidentally turned on, the water will absorb the microwaves This is done for the protection of the appliance, there is absolutely no danger to yourself.

As with all appliances, caution children that the microwave oven is not a toy and should never be touched or played with.

For the career woman or busy housewife, forgetting to take a roast from the freezer in the morning to thaw can be a major

(Continued on Page 22)

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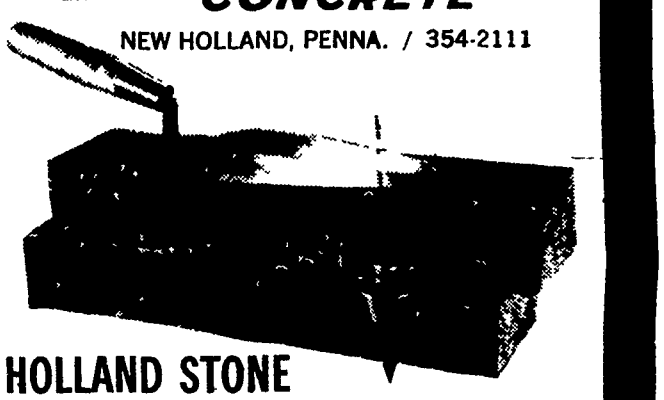

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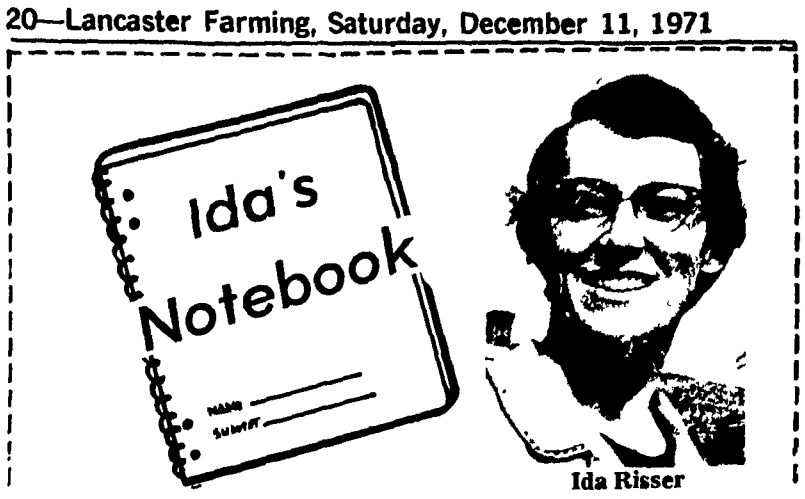

Ida Risser

Sometimes the jobs I do or attempt to do in one day amazes even me. The day may start with cooking, chauffeuring and general housework.

Then, a fowl may need to be dressed. I'm told a lot of women wouldn't do this type of food preparation nowadays.

In the afternoon, I put on overalls and help smooth concrete which was poured for an addition to the barn. The truck driver said that only on farms do you see women outside working with their men.

Later in the afternoon, after a change of clothes, I was checking file cards in our church office

After supper, there was an executive meeting of the Home and School Association of our Elementary School where I am secretary

I'm sure other farm women's days are just as varied or more so No wonder we think we can give advice on many subjects. We really do need to have an answer to many problems and situations which arise in our families and on our farms.

With Christmas coming, the children make shopping lists and check with each other so there won't be duplication of gifts.

During a recent shopping trip, we prevailed upon the men in the family to go along and see Park City. Of course, we females had scouted the area thoroughly on previous occasions.

There were two things which I'm sure impressed them. Number one was the size of the shopping center and number two was the price of the attractively displayed merchandise A few dollars just won't cover Christmas shopping anymore.

xxx

My daughter is planning to make quite a few gifts this year. But I better not say anymore or some folks won't be surprised.

Usually I share jams, jellies and flower bulbs with friends and relatives.

And you can always count on us to pack a wide variety of cookies in boxes for friends and neighbors.

Maybe, I had better get started on those cookies right now.

9 Schools to Enter Farm Show Contest

Nine Pennsylvania high school home economics departments have been selected to compete in the School Exhibit Contest in conjunction with the Pennsylvania Farm Show, January 10-14.

Premium money totaling $455 will be awarded in the 49th annual contest, according to Pennsylvania Secretary of Agriculture Jim McHale. Top award is $75 and each entry will receive a cash award of at least $40.

The schools were selected by a state reviewing committee based on applications submitted by school home economics departments or Future Homemakers of America Chapters throughout Pennsylvania.

Each window exhibit will have a single theme which portrays an accepted practice or approved method in home economics education of the Pennsylvania Future Homemakers of America Program of Work. Each exhibit must relate to one of the five major home economics subject matter areas which include: human development and the family; home management and family resources including consumer education; foods and nutrition; textiles and clothing; and housing and home furnishings.

The nine schools from six counties were certified recently to the State Farm Products Show Commission by Miss Anne G. Eifler, Pennsylvania Department of Education senior program specialist in Home Economics Education. The schools include:

Manheim Central High School, Lancaster County, "Beauty Around the Clock," Miss Mary E. Gardner.

Red Lion Senior High School, York County, "Crochet Botique," Miss Karen Hoffman.

Quakertown Community Senior High School, Bucks County, "Ideas Into Action," Miss Mary S. Page.

Weatherly Area High School, Carbon County, "Family Spending is Big Business," Mrs. Anne Pontzner.

William Penn Senior High School, York County, "Play is Children's Work," Mrs. M. Helen Spangler.

Garden Spot High School, Lancaster County, "Exciting New Decoupage," Miss Elaine Barr.

Trinity Senior High School, Washington County, "Fun With Fur," Miss Dorothy Sten.

South Western High School, York County, "Pennsylvania Dutch Cookery," Mrs. Margaret M. Stouffer.

Pine Grove Area High School, Schuykill County, "Knits for Men," Mrs. Irma Richter.

McHale, Little to Speak

Pennsylvania Secretary of Agriculture Jim McHale and Leslie H. Little, Tennessee state apiarist, are scheduled speakers at the annual winter meeting of the Pennsylvania State Beekeepers' Association to be held in the State Agriculture Building, Harrisburg, Monday morning, Jan. 10. The group's annual banquet will be held that evening at the Colonial Park United Church, Harrisburg.

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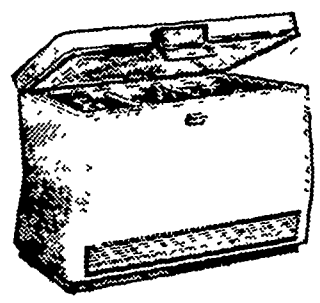

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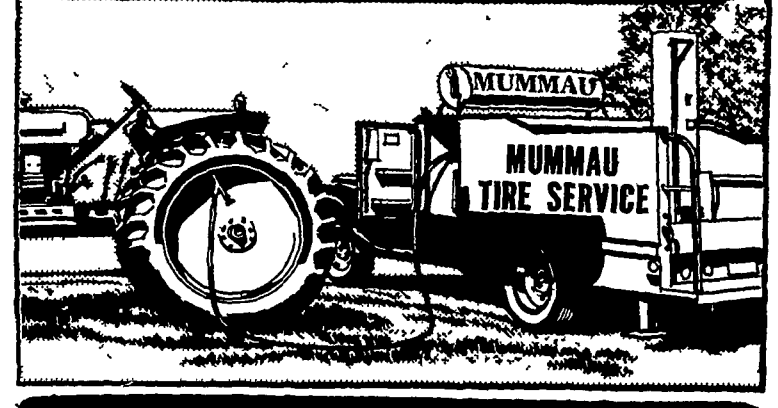

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MOUNT JOY	JANUARY 4, 1972
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CLASSES BEGIN WEEK OF JANUARY 17, 1972

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LANCASTER COUNTY AREA VO-TECH SCHOOLS

Farm Women Societies

Society 1

The Society of Farm Women 1 entertained the guests at the Moravian Home on December 4. Mrs. George Zahn was the song leader. A Christmas story by Peter Marshall was read by Mrs. Noah Kreider.

The following persons provided the entertainment: Greg Garman, trumpet solo; Jesse Garman, piano solo and Donna Walton, flute solo accompanied by Mrs. Graybill Hollinger.

Rev. Elwood Mehle, pastor of Heller's United Methodist Church, presented charcoal drawings with special lighting and music

Mrs. Willis Bucher impersonated Santa Claus and presented every guest at the home with a gift.

The Farm Women prepared and served dinner to 60 guests and members of the Society. Helping with the preparations were: Mrs. Bucher, Mrs. Neil Clark, Miss Mildred Shreiner, Mrs. Clayton Sangrey, Mrs. Martin Moore, Mrs. J. Howard Wolf and Mrs Raymond Groff.

Mrs Elmer Hershey was in charge of the gifts Mrs Scott Garman was in charge of the table decorations

The next society meeting will be held at the home of Mrs. Clayton Sangrey, Lititz RD2, at 1:30 p m. Saturday, January 8 Miss Jenny Kissinger, Lititz, an exchange student will speak on her trip to Brazil Mrs. Paul Kurtz will be in charge of the devotions.

Society 8

Farm Women Society 8 met December 4 in the Crossroads Parsonage Social Room with 31 members and five visitors present.

Mrs. Lloyd Derr, president, was in charge of the meeting Mrs William Heisey, in charge of devotions, gave thoughts from a Christmas writing entitled "What Does Christmas Mean to You?" and read the Christmas Story from the Bible

Each member responded to roll call by naming their favorite Christmas Carool Miss Anna Mae Eby lead the group in singing Christmas Carols

The minutes were read by the secretary and reports from the treasurer and communications committee were given

The sunshine committee reported the arrival of a daughter, Jane Elizabeth Suzanne, to Mr and Mrs William Endslow, Marietta RD1 Mrs Charles Shank has returned home from the hospital

The group decided to spread sunshine to individuals confined to rest homes rather than exchange gifts among members. Forty-six gifts of fruit and candy were distributed to Lehman's Rest Home at Rheems and a robe will be presented to an honorary member, L. Mae Brinzer, at the Conestoga View Home.

Rev William Groff, Elizabethtown, guest speaker, gave an impressive impersonation of a Judean shepherd who could have been watching his flocks the night the news of the birth of the Christ Child was given to them. He expressed the fact that a shepherd is very conscious of the condition of his flock as he notices the quiet feeding or realizes sudden confusion as unfamiliar sounds are heard. As the flock feeds quietly he knows growth will follow

Holiday refreshments were served by hostesses Mrs Lester Wolgemuth, Mrs Elias Musser, Mrs Marie Stoner and Mrs. Clyde Sumpman

The next meeting will be held at 2 p m January 15 at the Florin Church of the Brethren Miss Mary Grace Martin will present favorite poems

Hostesses will be Miss Martin, Mrs Irwin Ginder, Mary Sheaffer, Mrs Martin K Miller, Mrs Sylvester Shuman and Jennie Rittle

Society 10

Farm Women Society 10 were entertained at a Christmas luncheon at the home of Mrs Charles Stauffer, Lime Spring Farm, Rohrerstown Mrs John McGrann led devotions

During the business portion of the meeting conducted by Mrs Jacob Evans, outgoing president, Miss Ida Kunkle, newly elected president, announced committees for 1972

New officers are Mrs W R Dixon, five vice-president, Mrs Cyrus Neff, second vice-president, Miss Frances LeFevre, secretary, Mrs Charles Shank, assisting secretary, and Mrs Abram Miller, corresponding secretary Mrs Frank Hodecker continues as treasurer

Gifts of money were approved for Retarded Children Association and Crippled Children's Foundation.

Mrs. Cyrus Neff and Mrs. W. Raymond Dixon were named delegates to the State Farm Women's Convention in Harrisburg on January 10 and 11. Mrs Charles Shank was named as alternate delegate.

The next meeting will be held at 1:30 p.m. January 8 at the home of Mrs. W. Raymond Dixon, 2349 Middlegreen Court, Village of Olde Hickory. Mrs. Richard Gaintner will present an illustrated lecture on 'Covered Bridges.'

Society 14

Farm Women Society 14 members and their husbands held a Christmas party at Peoples Restaurant, New Holland. Sixty-five persons were present.

Featured was a mitten and sock tree. These items collected will be donated to a worthy cause in Lancaster County.

For the program, Paul L. Hollinger, manager of WDAC radio station, presented a chairside tour of the Holy Land and Carribean tour.

The next meeting will be held at 11 a m January 20 at the home of Mrs James Hall, Strasburg, when the day will be spent sewing cancer dressings. Bring a sandwich, coffee and dessert will be served

On January 26, members will sew at the Lancaster General Hospital from 9 a m to 2·30 p m

Farm Women Calendar

Saturday, December 11

6 30 p m — Farm Women Society 13, family Christmas party, Ronks Fire Hall

6 30 p m — Farm Women Society 25, home of Mrs Chester Eshleman, Willow Street RD1

Farm Women Society 2 meeting.

Tuesday, December 14

7 30 p m — Farm Women Society 22 Christmas meeting, home of Mrs Kenneth Funk, Lancaster RD6

7 30 p m — Farm Women Society 27 meeting, Rheems Fire Hall.

Thursday, December 16

Farm Women Societies 24 and 25, entertain guests at Conestoga View

Saturday, December 18

1.30 p.m — Farm Women Society 5, Christmas party, home of Mrs. Henry Stehman, Manheim RD1.

Farm Women Society 3, Christmas party, Salem Lutheran Church, Ephrata.

In the Kitchen

SOUR CREAM

⅓ cup skim milk
1 tsp. lemon juice
¼ tsp. salt
1 (8-oz.) container uncreamed cottage cheese

Blend all ingredients until smooth in container of electric blender, or whip with rotary beater until there are no lumps. Keep refrigerated until ready to serve. Makes slightly more than 1 cup.

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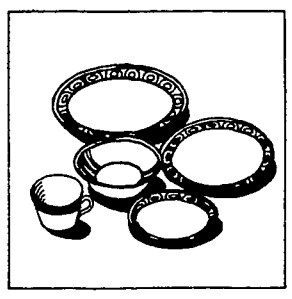

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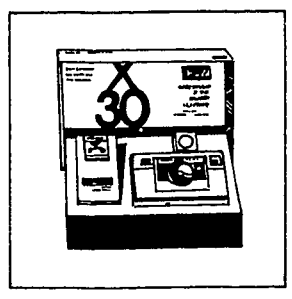

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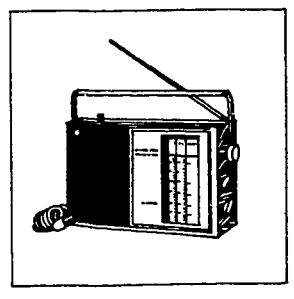

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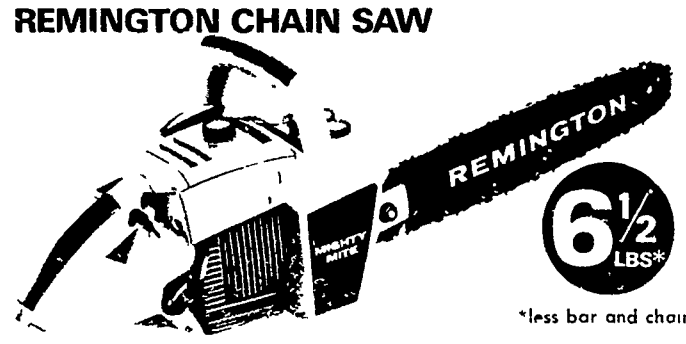

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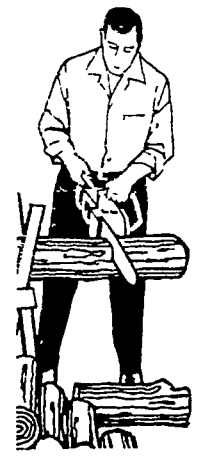

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Officers of the Pennsylvania Grassland Council for 1972, elected at the recent Forage Conference held at Pennsylvania State University are: left to right, seated, Paul Dotterer, Mill Hall RD, president, and Richard Hann, farm superintendent of Milton Hershey School Farm, Hershey, secretary-treasurer. Standing, John Weidman, Mount Joy, vice president, and Dr. John E. Baylor, Penn State Extension agronomist, executive vice president.

Apple Buyers, Shippers Meet

Apple buyers and shippers who attended recent meetings in Pittsburgh and Philadelphia would like to see similar meetings held next year However, they would rather meet in September than in November, reports the *Pennsylvania Department of Agriculture*

Herschel Jones, fruit broker from New York City, said September meetings would help merchandisers get information they need for fall and winter promotional plans Most buyers agreed

Glenn Geiser, Acme Markets, said he liked the meetings, which were sponsored by the Pennsylvania Apple Advisory Board and the Pennsylvania Department of Agriculture, because they offeree chain store buyers an opportunity to discuss common problems

"We chain store people seldom *get a chance to kick around our mutual problems," Geiser said.*

H Richard Schneider, St. Thomas, chairman of the apple board, presided at the two meetings and described Pennsylvania's apple marketing program. Raymond F. Reiter marketing specialist for the *Pennsylvania Department of* Agriculture, discussed Pennsylvania apples in storage by variety for November 1, 1971 compared to November 1 a year ago, and promotional activities.

John B. Peters, president of *Mountain Orchard Cooperative*, Aspers, told the Pittsburgh and Philadelphia groups that this year's Keystone State apple crop has "exceptional color and quality."

Shippers and buyers at both meetings heard this statement stressed time and time again: Today's consumer knows quality and demands it

Ladies' Have You Heard?

(Continued from Page 19)

problem. However with a microwave oven, thawing a large roast takes minutes rather than hours and dinner will still be on time.

Cooking strips of bacon on several sheets of paper towels is a whiz.

Cupcake batter can be poured directly into cupcake papers (not the aluminum variety) and baked in a minute, a great way to entertain children in the middle of a dreary rainy or snowy afternoon

Unexpected company? Pop frozen hors d'oeuvres into the microwave oven and your guests will marvel at your hospitality.

A great advantage of a microwave oven is the ease of cleaning. According to one of the leading manufacturers of the appliance, a sparkling clean oven is a must for optimum cooking performance and for maintaining the unit in tip-top condition.

Spills and splatters that occur during cooking will not burn onto the metal oven surfaces which remain cool throughout cooking. The oven can be easily cleaned with a simple soap or detergent solution and a sponge or soft cloth Removable glass shelves should be washed often in warm sudsy water. Any food on glass will bake and become hard and dry as the microwaves pass through the glass. If allowed to bake on for too long, the spills could become so hot while the oven is in operation that the glass could crack.

Occasionally, the venting system and splatter shield also need cleaning, again with only a sudsy sponge — no scouring or scraping needed. Follow the manufacturer's use and care information to see how often these need to be cleaned.

Though cooking with microwaves may still be in the future for many homemakers, it can't hurt to put a microwave oven on your "I wish I had" list, especially if kitchen remodeling is forseen.

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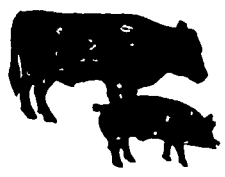

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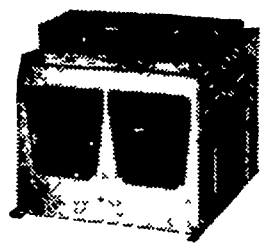

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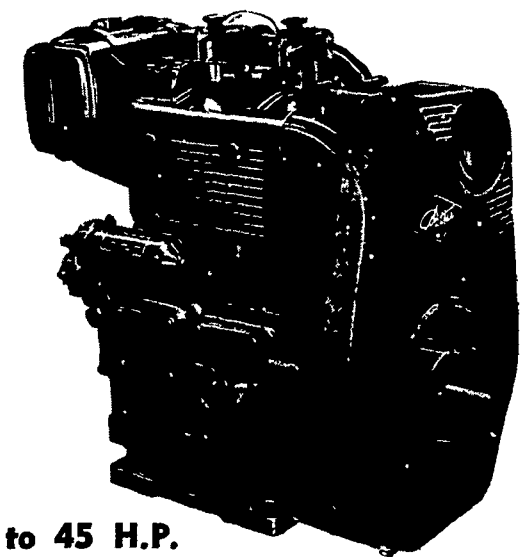

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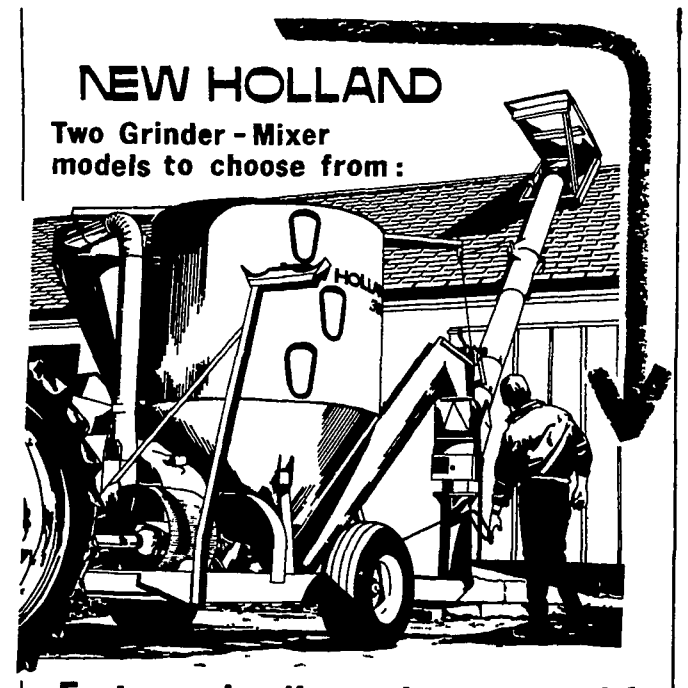

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Egg Bust Will Continue, UEP Warns

Egg producers can expect more low prices in the months ahead, according to Dr. Gene Masters, director of statistical analysis for United Egg Producers (UEP).

"Present supply adjustments are not adequate to allow prices to rise above production costs for a prolonged period," Dr. Masters said in warning that the present price rise is both seasonal and psychological.

Dr. Masters said that he hopes the egg industry recognizes the seriousness of the present supply problem The present seasonal price rise should not cause people to forget the need to reduce production enough to improve prices in future months, the spokesman asserted.

"United Egg Producers has had an apparent credibility gap the past," Masters said. "The statistical department had projected such low prices and such large flock sizes during action programs, including 'Action Now,' that many people refused to accept the projections as realistic. Facts now reveal that previous UEP forecasts had been extremely accurate."

Masters said that quarterly estimates of New York large eggs made for "Action Now" were close to what did occur. The forecasts were above actual prices three of six quarters and they were below the other three. The forecast prices missed actual prices by only 1-10 of a cent per dozen during 2 of the 6 quarters, he siad.

"Egg producers have lost money every month for the past year," the spokesman said.

"The average producer has lost about $1.26 per bird during the past year. Many egg producers are now in desperate financial plight with liquidity stretched to the limit. A large segment of the industry may well be bankrupt within the next year if production is not sharply reduced."

The UEP spokesman indicated that the present flock size is 1.2 per cent smaller than it was last year, but egg production is above last year because of 3.4 per cent increase in the rate of lay. The affect of Marek's vaccination is increasing the rate of lay and is decreasing mortality according to Masters

"A month ago the flock size was 2.1 per cent under last years level and the rate of lay was up 2.6 per cent from the previous year. Thus, the flock size is increasing as compared to last year and the rate of lay is also increasing."

"One bright note appears to be the present reduction in light type chick placements," Dr. Masters continued. "September placements were 15 per cent below last year's level, October placements were down 20 per cent and November placements will probably be down about 20 per cent."

Dr. Masters says such reductions will not reduce egg production unless fowl slaughter is increased

A reduction of about 20 per cent in chick placements is needed to compensate for reduced growing period mortality, reduced laying house mortality and increased rate of lay, he explained.

"The desperate economic plight of egg producers has not caused them to sell enough old fowl to correct the problem," Dr. Master said. "Slaughter has averaged almost ¼ million birds per week less than last year from October 6 through November 3, even though farm prices were extremely low during that period."

Thus, correcting a major disease problem has created a financial emergency for most egg producers. This emergency is not being corrected adequately at this point, he summarized.

FEEDER PIG SALE

Saturday, January 1, 1972

2½ miles South of Bethel from US 22 and 6 miles North of Myerstown, Pa., along US 501.

400 to 425 — 40 to 60 lb. Choice Feeder Pigs
Hampshire, Duroc and York Cross

All pigs are vaccinated for Erysipelas, Castrated young. Wormed, Sprayed for Mange and Lice.

All pigs were raised on this farm. No outside pigs will sell on this sale.

These are some of the finer quality feeder pigs in the East.

Sale at 1:30 P.M.

NORMAN M. MARTIN
RD 1, Myerstown, Pa.

85 HEAD
BIG REGISTERED HOLSTEIN CONSIGNMENT SALE

85 HEAD
AT
BLACK & WHITE HOLSTEIN FARM, LANCASTER, PA.
ACROSS FROM COMET DRIVEIN THEATRE OR ¼ MI. W OF A.B.C. BREEDERS UNIT ON US 283
on
FRIDAY DEC. 17th AT 12:30 PM (AFTERNOON)

THE COMPLETE HERD DISPERSAL OF 85 REGISTERED HOLSTEINS OF SHARON HILL FARMS OF SHARON SPRINGS, N.J.

This herd, mostly Canadian bloodlines, consists of lots of good fresh & close springing cows, producing to 80 lbs. daily.

Many of them classified, with production records.

DON'T FORGET THIS IS AN AFTERNOON SALE

Come and bid for bargains

Abe Diffenbach, Auct.
H. Kettering, Pedigrees

Chas. C. Myers
Owner

Public Sale Register

SAT. DEC. 11- 10:30 A.M. Public Sale of Valuable Modern Farm Machinery and Tools located approx. 3 mile northeast of Stewartstown, York Co., Pa. near the Pleasant Valley Golf Course Terms by LaAnd Development Corp., Genesee Valley Farms Parkton, Md., owners; Robert L. Sechrist, auctioneer.

THURS. DEC. 16- 12:30 Noon Purebred Guernsey Sale at the Ass'n. Sales Pavilion, Lancaster, Pa. Sale Managed by Penns. Guernsey Breeders' Ass'n. P. O. Box 458, Camp Hill, Pa. 17011

PUREBRED GUERNSEY SALE

Thursday, December 16, 12:30 Noon Sharp
At the Ass'n. Sales Pavilion, Lancaster, Penna.

53 HEAD

3 bulls of service age. Balance cows and bred heifers
9 fresh in Nov., 11 in Dec., 5 due in Jan., 4 in Feb., and 8 from May to July.

This sale features the milking herd dispersal (33 head) of Daniel B. Moler, Keedysville, Maryland. Mr. Moler sold his farm and must move his cows. The cows are in all stages of lactation. 8 head with records over 9,000 lbs. M; 8 others with over 10,000 lbs. M.

The bulls are well bred with high records on dams. Additional consignments from wellknown Guernsey breeders in Penna. and Maryland

Come early and look them over before the sale.

SALE MANAGED BY:
PENNA. GUERNSEY BREEDERS' ASS'N.
P.O. Box 458 Camp Hill, Pa., 17011

We Specialize in Liquidation Sales of All Kinds
Farm Machinery, Construction Equipment and Land

FARM MACHINERY AUCTION SALE

Tractors and Farm Machinery

Exit 10 or 11 off Interstate 83 Emigsville, Pa.

DEC. 17, 1971
at 10 o'clock A. M.

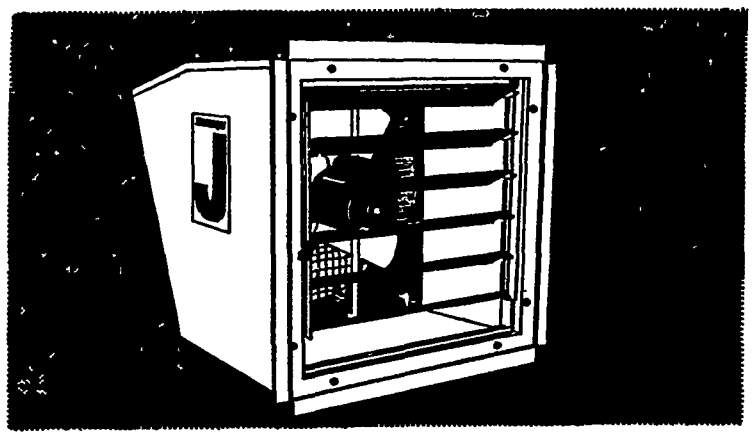
SALE RAIN OR SHINE

York Co. Farm & Ind. Equip. Co. Inc.
4 Miles North of York, Pa. on Route 181
Box 222 Emigsville, Pa. 17318
Phone: 717-764-6412

If you have machinery not suitable for your trade, bring it to our sale and turn it into ready cash. If you need machinery of any kind you will find it here at our sale.

We Welcome You as a Buyer, Seller or Visitor.

JAMESWAY All-Season Ventilation



Controls Environment Automatically
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YOU CAN COUNT ON US
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M. E. SNAVELY

445 South Cedar St., Lititz, Pa. 17543 Ph. 626-8144

SPECIAL FEEDER SALE
FRIDAY, DECEMBER 17
1:00 P.M.

All Grades — All Breeds — All Weights

Lancaster Union Stock Yards
AUCTION PAVILION

THE LANCASTER LIVESTOCK EXCHANGE AND UNION STOCK YARD CO.

Chester County Angus Wins at Southeastern District 4-H Show

A small Chester County boy with a big 1,100 pound Angus took grand champion honors at the Southeast District 4-H Baby Beef Show at the Lancaster Union Stock Yards Wednesday morning

The winner was John Holloway, 32 West Street Road, West Chester, son of Mr. and Mrs William Holloway. Mr Holloway is a well-known Chester County 4-H club leader

Taking the runner-up spot with his reserve grand champion Charolais cross-bred was Kenneth Brubaker, Lancaster ,

Donna Jean Hess, Strasburg RD1, showed the top Shorthorn and Debra R Kreider, Manheim RD1, Lancaster County Junior 4-H queen, had the best Hereford in the show

Other top winners were Joe Lefever, Manheim RD4, reserve champion shorthorn, Kerry Boyd, Ephrata RD1, reserve champion Charolais cross, Gary Forry, reserve champion Hereford, and Hugh McNeill Jr, reserve champion Angus

A total of 105 steers were shown and sold The average weight was 994 pounds, with the average sale price of about 40 cents a pound, including the champion A large number of buyers representing many businesses were reported present

Most of the Angus entries were from Chester County, while the large Hereford classes were dominated by Lancaster County entries

Miss Hess, who had the champion Shorthorn, also received the top showmanship award Wednesday

Receiving the annual Intelligencer Journal calf Wednesday afternoon was Roland Longenecker, son of Mr. and Mrs. Carl Longenecker, Lititz RD2.

The 18-year-old Longenecker, whose brother Mike won the grand championship honors at last year's district show received a 360 pound Angus selected by Max Smith, Lancaster County ag agent, from the herd of Fred Frey's Twin Oaks Farm. The calf is a son of Twin Oak's show ring champion bull, Colossial's Image

The show Wednesday was held in dark cloudy weather and a slight rain But while the weather was damp and chilly, it didn't interfere with the show

Selected on the previous day, Tuesday, to represent Lancaster County in the annual Pennsylvania Farm Show January 10 to 14 were 36 steers Their owners by breed are as follows

Angus — Dan Baum, Elizabethtown RD3, Gary Dean, Strasburg RD1, Linda High, Leola, Roland Longenecker, Lititz RD2, Ron Zimmerman, Ephrata RD1, Ed Hess, Strasburg RD1; William Martin, New Holland RD1, Donald Dorwart, Quarryville RD2, Ann Martin, Narvon RD1; Suzanne Oberholtzer, Mount Joy RD2, Karen Harnish, Lancaster RD6

Hereford—Ed Donough, Manheim RD4; Linda Martin, Narvon RD1, Nancy Zimmerman, Ephrata RD1; Carol Harnish, Lancaster RD6; Ray Brubaker, Lancaster; Joanne Weidman, Christiana RD1 Bernie Bucher, Manheim RD4; Suan Herr, Lancaster; Randall Lapp, Lancaster; Marian Reiff, Lititz RD1; James Greider, Columbia RD2; Kim Weaver, Quarryville RD2; Marsha Spangler, Oxford RD1; Steve Gehman, Stevens RD1; Sandra Kreider, Manheim RD3, and Randy Hess, Strasburg RD1.

Charolais—Sheryl Weaver, New Holland RD1; Tim Good, Lititz RD2; Linda Good, Lititz RD2; and Elaine Herr, Lancaster.

Shorthorn—Robert Hess, Mountville; Nancy Herr, Lancaster; Karen High, Leola; Jeff Cramer, Strasburg RD1; and Judy Zimmerman, Ephrata RD1.

Kenneth Brubaker, Lancaster, displays his reserve grand champion, a Charolais cross bred, at the District 4-H show Wednesday morning. The Commonwealth National Bank paid 50 cents a pound for the 1,100 pound animal that afternoon in the stock yards sales arena.

Egyptian Calendar

The Egyptians adopted the first calendar based on the solar year in 4246 B.C. A 12-month calendar with 30 days in each month, the calendar totaled 360 days for the year. To make it come out even with the sun, they added five days at the end of the year —six days every fourth year—but these were not a part of any month

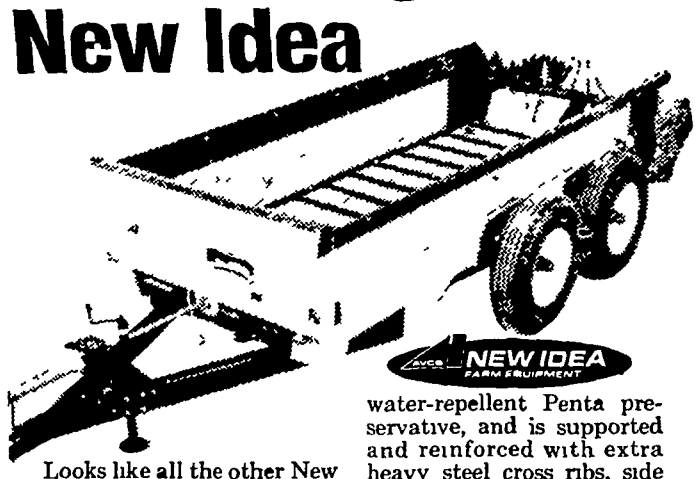
Poultrymen

(Continued from Page 3)

standards on the exotic birds as already exists on broilers and layers. And to get an indemnity program established immediately so that the disease that's already in the country can be wiped out before it has a chance to spread.

It's now believed at Penn State that only quick action can stop a major disaster for the poultry industry.

New, tough spreader... 318 bu,* big! from New Idea



Looks like all the other New Idea heavyweights . . . *really* made strong!
Equipped with oscillating bogie axles for good flotation and load carrying capacity on soft, uneven ground. The clear yellow pine box is treated with water-repellent Penta preservative, and is supported and reinforced with extra heavy steel cross ribs, side members, full length steel flares.
Choice of single beater and double beater models. Options include hydraulic endgate and pan attachment for sloppy manure.
See the *big one* today!

*New 1971 ASAE standards for single beater model. 173 cu ft struck capacity, 275 cu. ft heaped capacity.

A. L. HERR & BRO.
Quarryville

LANDIS BROS., INC.
Lancaster

CHAS. J. McCOMSEY & SONS
Hickory Hill, Pa.

N. G. HERSHEY & SON
Manheim

ROY H. BUCH, INC.
Ephrata, R.D. #2

A. B. C. GROFF, INC.
New Holland

LONGENECKER FARM SUPPLY
Rheems

STOLTZFUS FARM SERVICE
Cochranville, Pa.

KINZER EQUIP. CO.
Kinzer

A "LITTLE LITTER" HURTS ...in fact too many Little Litters can put you out of BUSINESS

BIG DUTCHMAN SOLVES THE "LITTER" PROBLEM.

Mortality rates due to scours and accidental crushing have been significantly reduced by the farm tested and farm proven Big Dutchman farrowing system; a complete system designed and built by people who understand the sow and her needs. The farrowing unit construction features embossed draft panels, heavy galvanized side walls, adjustable bottom rails, welded steel tubing joints, doors that open at either end, welded steel bars, 17-gauge square steel tubes, feeder adaptable to either dry or liquid feeding and a back up bar adjustable to the size of the sow.

When used with exclusive Big Dutchman electric heat mats, properly placed Aluminum slatted floor and controlled ventilation, this unit provides an ideal farrowing arrangement and a disease-free environment.
If you are concerned about today's litter problem, see us. We'll help you "solve" the litter problem.

LET US HELP YOU PUT IT ALL TOGETHER

BIG DUTCHMAN
A Division of U.S. Industries, Inc.
EASTERN BRANCH
215 Diller Ave., New Holland, Pa. 17557
Ph. 354-5168

Post Office Gives Mailing Tips

The U.S. Post Office Department has listed six tips on how residents can help speed delivery of their Christmas mail. Cooperation in following these suggestions will make everyone's Christmas merrier:

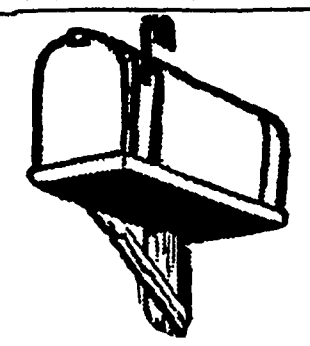
1. Use ZIP Code as a tool for economy in mailing. When it is used consistently on parcels and cards, ZIP Code helps prevent errors in delivery and expedites handling, especially now that most of the First Class mail in Lancaster County is sorted by machine.
2. Get plenty of stamps as soon as possible to avoid the time and expense of additional trips.

Remember, all Greeting Cards require at least 8c postage and you should seal the envelopes. Domestic rates are 8c per ounce First Class and 11c per ounce Airmail.

3. For all packaging, invest in good quality, sturdy wrapping materials. This small investment can help insure undamaged delivery of valuable gifts and prevent delays which might result if rewrapping were required in transit Air mail and Special Delivery are recommended for parcels mailed to distant places at this late date.
4. Pleast keep your sidewalks and drives free of snow and ice so that carriers can make safe and faster deliveries Rural patrons are reminded that it is their responsibility to keep appraches to their mailboxes cleared of snow Rural carriers are not required to dismount in order to serve patrons.
5. Address and mail your Christmas Cards this weekend.

Try A Classified Ad It Pays!

Mail Box Market



FREE. Subscribers to Lancaster Farming will receive one advertisement Free each month in our Mail Box Market. Subscribers using the Mail Box Market will be governed by the following rules:

Limit your advertisement to 25 words; All advertisements must be in our hands by Thursday noon or same will be held over for next week's paper; No business advertisements accepted.

For Sale — Eight year old mare, true Palomino (granddaughter of Roy Roger's Trigger Junior); call after 2 p m. 898-2395.

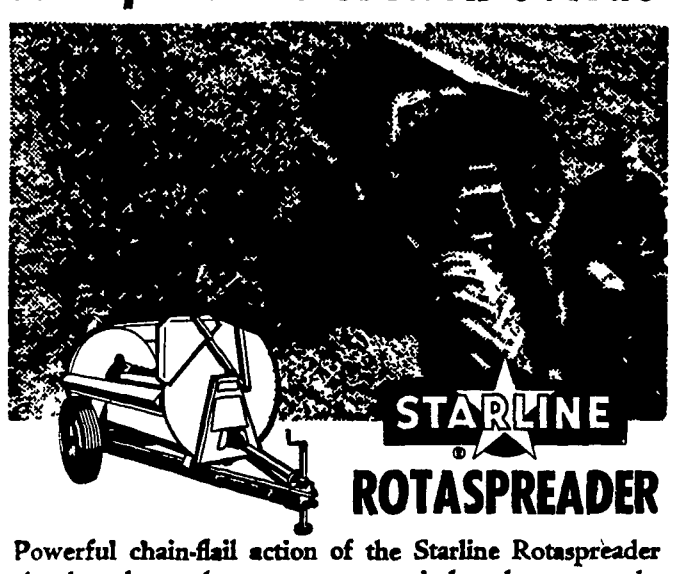
For Sale — Oliver 2-bottom plow with steel bottoms and wheels, also Case steam boiler on wheels. Abram F Stoltzfus, Center Square Road, Leola.

For Sale — Gas 30 gallon water heater, $25 Phone 656-7829

For Sale — 6-ton poultry feed bin, 100 bu. Hawk Bilt spreader, 2 - 30" Vent-O-Matic fans, Hart cup water system, 240 cages free for removal. Levi Nafziger, Lewisville.

(Continued on Page 26)

SPREAD ANY MANURE
...liquids to frozen solids



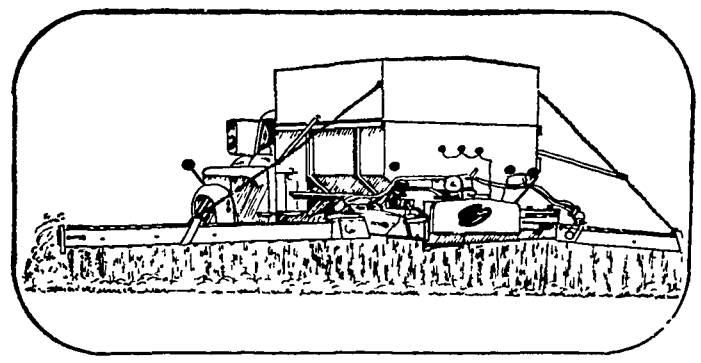
ROTASPREADER

Powerful chain-flail action of the Starline Rotaspreader shreds and spreads any type manure in broad, even swaths up to 20-feet wide. Simple construction reduces maintenance. "Seal-of-Quality" galvanized steel body resists corrosion. Separate chassis hauls heaviest loads. See us soon for full details and a demonstration.

Roy A. Brubaker
700 Woodcrest Ave.
Lititz
626-7766

L. H. Brubaker
350 Strasburg Pike
Lancaster
397-5179

APPLY LIME ON FROZEN GROUND

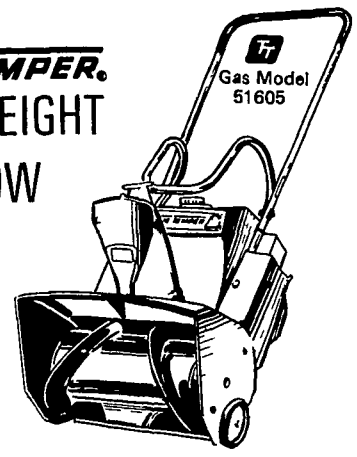


Don't hesitate to apply lime, even if the ground is frozen. The freezing and thawing action of Winter helps disseminate the lime, assuring you a properly balanced soil, ready for Spring plowing. And remember, liming pays in extra bushels and tons of crops and forage.

MARTIN'S LIMESTONE
Blue Ball, Pa. 354-4125 Gap, Pa. 442-4148

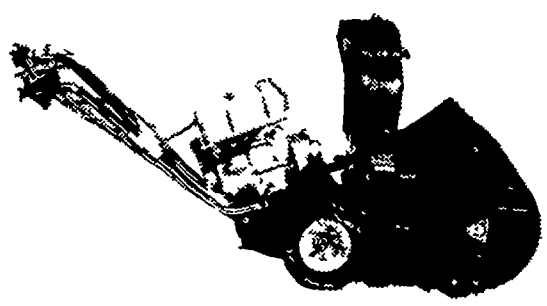
CALL Elmer Beiler

TRUE TEMPER.
THE LIGHTWEIGHT POWER SNOW SHOVEL



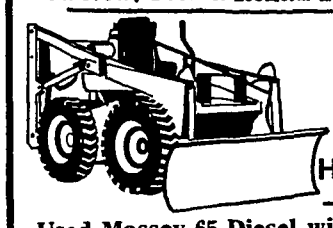
COME SNOW-

GO ARIENS SNO-THRO



CALL Bob or Les

BUY NOW AT THIS YEAR'S PRICES WITH NEXT YEAR'S TERMS.
On New, Used & Rental Tractors & Equipment



INTERNATIONAL 3200A LOADER TRACTOR HYDROSTATIC DRIVE

Used Massey 65 Diesel with Multi-power.
Used IH 200 Tractor with Cultivator and Loader.
New Model Tractors Have Arrived
New 10 Ft. Wheel Controlled Disc Harrow. $985.
McCurdy Grain Bins
Selling At old Price While They Last
John Bean Sprayers

PARTS DEPARTMENT
CALL Dick Bomberger

CALL US! IT COULD BE WE HAVE IT.

TINGLEY BOOTS and RUBBERS
ALL SIZES AVAILABLE
KNEE HIGH BOOTS
MENS BOOTS RUBBERS

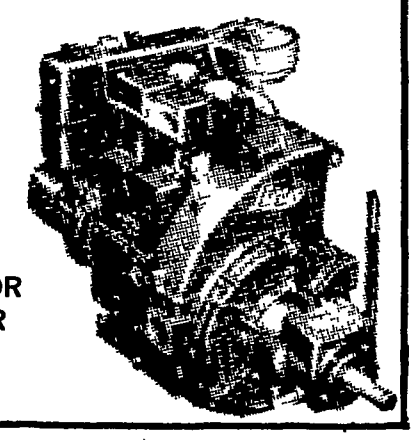
SPECIAL STARTING FLUID
Large Can 11oz. reg $1.49 Our Price 1.15
Small Can 5 oz. reg. $1.25 Our Price 98c
Premium Anti-FREEZE
Now $1.69 Gal.

CALL Henry Esh

For Sales — Service — Parts
+ Used 7½ H.P. Slow Speed Lister Engine Like New Special Price
+ New 7½ H.P. Slow Speed
+ 353 G.M.C. Diesel Engine
+ New Quincy Air Compressors
+ New Listers with Lima Generators
+ 1-4½ H.P. Bamford Diesel Engine
+ Ask us about our new Automatic Control For Starter and Low Oil Protection.

We Have Some Very Good Buys On Used Diesel Engines.

AREA DISTRIBUTOR FOR LISTER DIESEL ENGINES



CALL Titus Burkholder

CP MILKEEPER
BULKMILK COOLING TANKS
sizes from 500 to 1250 Gal. Check Our Prices
500 Gal. ESCO Bulk Milk Tank M.C.D. 1-N.Y.

CALL Leroy Zook

FOR DEMONSTRATOR
WEAVERLINE FEED CART
AND LANCASTER SILOS
RYDER BARN EQUIPMENT

RADIO CONTROLLED TRUCKS FOR BETTER SERVICE

C. B. HOOBER & SON

Intercourse, Penn. Phone 768-8231

Mail Box Market

(Continued from Page 25)

For Sale — Three puppies. Phone 267-6246.

For Sale — 20 Yorkshire, 11 week old shoats, $12 each. Phone Shellsville 469-2897.

For Sale — Myers Deep well pump, 300 ft. 2½ inch pipe, 42 gal. pressure tank, 1 HP motor, water softener and brine tank in good condition 733-1627.

Wanted to Buy — Used weaving loom, Roland Hall, RD, Box 286, Ottsville, Pa. 18942.

For Sale — White bunnies, 5-weeks old; good Christmas presents. Will hold until Christmas. Fred Appel, Paradise RD1, phone 442-8160

Wanted to Rent or buy — Dairy Farm for 50 head Roger Tucker, RFD No. 2, Mohawk, N.Y. 13407.

Wanted — Will move wood, free of charge, if suitable for fireplace use. Call 1-215-932-3425 or write Ralph Emerson III, RD2, Box 24, Cochranville, Pa. 19330. Wood to be used by private family, not a dealer

For Sale — Pickup top for short bed cab. 267-5939

For Sale — New Oakes 8-hole hog feeder with roof Never used Best offer Phone 284-2215.

For Sale — AKC Reg Brittany Spaniel dog, 5 months old, nicely marked, good hunting dog or nice pet Wanted — Good used food freezer, chest type Phone 354-9830.

For Sale — One carriage horse, broke single or double, price $125. Phares G Shirk, Denver RD1, midway between Fivepointville and Bowmansville.

Wanted — Two-row corn planter. Phone 656-6644.

For Sale — Fourteen month old Holstein bull, purebred, by Apollo Stephen R Glick, Leola RD1, at Millport

For Sale — One slightly used Flail head for Fox harvester. Phone 717-442-8153

For Sale — Sputnik, 4 DeLaval milker pails, $10 each, one cow anti-kicker Phone 786-7207

For Sale — Fireplace wood Call 653-1625

For Sale — Three young bulls good pedigrees Phone 898-7575 or write Isaac Horst, 2742 Old Harrisburg Pike, Lancaster, 17601

For Sale — Breakfast set large chrome pearl gray formica top, 7 pieces, find condition Phone 626-7526

Notice - Old fashioned revival meetings Speaker Eli Stoltzfus, Lanc Dec 3 to 7, Dec. 9 to 12, 7 15 P M Martindale Fire Hall (East of Ephrata) The new birth, humility, purity, love, justification by Faith, but Faith without works is dead

USED EQUIPMENT

Tractors JD 40, 2010 G, 3020 D, 4010 D 4020 D, A-C WD; Oliver 70, 77
COMBINE - AC "G"
MANURE SPREADERS - JD 44 New Idea 175 bushel
NEW SPECIALS - JD 1520 Gas, JD 2020 Diesel JD 34 Manure Spreader, JD 400 Grinder-Mixer, Brady 80 TC 2-row Flail Shredder

Miller's Sales & Service, Inc.
Brady, Lely
York County's Progressive Dealer
Highway 851
Stewartstown, Pa.
Phone 717-993-2470

Miscellaneous

For Sale — Guineas, alive or dressed. Call 665-3431.

WOOD SHAVINGS. Ideal for work-ways and bedding. $12 per ton. Can be delivered in bulk loads of 10-12 tons. Less expensive than straw or tanbark. Contact Bob Geist at Leola Supply Co. Inc. Ph. 717-656-6811.

Help Wanted

Married man for general farm work, experience needed, starting March 1st. Quarryville area, extra privileges. Ph: 786-2839

SEMI DRIVER TRAINING
We are currently offering preparatory tractor trailer training. You can earn high wages, if you are willing to prepare yourself to drive to a better future For application and interview, call 717-342-7644, or write United Systems Truck Driver School, Inc., c-o Herold Bldg., 215 Hickory Street, Scranton, Pennsylvania, 18505. Approved for Veteran Benefits. Our resident training originates in Indiana. Over 700 transportation companies have hired our graduates.

Sale Register

FRI DEC. 17 - 12:30 P.M. Big Registered Holstein Consignment Sale at Black & White Holstein Farm, Lancaster, Pa. across from Comet Drivein Theatre or ¼ miles West of ABC Breeders Unit on US 283. Sale by Chas. C. Myers, Owner, Abe Diffenbach, Auct.

SAT. JAN. 1, 1972- 1.30 Feeder Pig Sale located 2½ miles South of Bethel from US 22 and 6 miles North of Myerstown, Pa. along US 501 Sale by Norman M Martin, R. D. 1, Myerstown, Pa.

Mail Box Market

For Sale — 620 John Deere tractor, good condition. Call 445-6944

For Sale — Used dome 10 ft silo roof Phone 215-777-0052

For Sale — 1 family Guernsey cow, Price-$300 , 500 bales corn fodder, very nice Isaac Hoover, Narvon RD1, at Bowmansville, Pa

For Sale — Buggy with roller bearings in good condition Levi F Stoltzfus, R D 1, Box 36, Kirkwood, Pa 17536, 4 miles south of Bartville, Pa

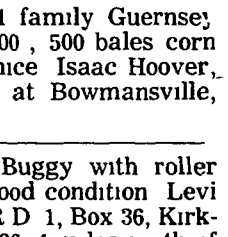
For Sale — 1,000 Babcock yearlings This has been an outstanding flock. Lloyd B Keller, RD2, Lititz, Pa. Phone 665-3137

For Sale — ESCO 320 gallon bulk tank, remote units, Walker stamp, 3 Surge milkers, 50 lb. pails, 2 milk strainers Phone 529-2295

For Sale — 800 Babcock pullets, starting to lay, 20 per cent production. Phone 285-5577

Wanted to Buy — Kiln for baking ceramics Phone 626-8257

SELL ★ YOUR BUTCHER HOGS DIRECT TO



ARMOUR CO.
READING, PA.
We will be glad to look at your hogs & bid you
CALL AL SHAFFER AT
(215) 376-2941
Evenings (215) 779-3847

Livestock For Sale

SPF origin Hybrids bred to meet demand of commercial producer. Excellent litter size and growth rate. Final cross is four-way cross which adds vigor and carcass quality. Jet Age Swine Breeders, Inc., Nicholas Kohut, Manager. 717-768-8378.

Dairy Equipment

Bulk Milk Tanks: 800 V Mojonnier, 400 Jamesway, 400 Dari-Kool, 1000 ESCO, 300 Sunset, also others.
DONALD UPPERMAN
Rt. 3
Chambersburg, Pa. 17201
Ph: 717-264-6007

For Sale - Used ESCO tank (240 Gal.)- $195.00. Phone 442-4944. Good Condition.

225 gallon Girton.
400 gallon Girton round vacuum tank.
300 gallon Girton Tank MCD-1-Approved with Compressor.
300 gallon ESCO Tank with Compressor.
CLARK ELECTRIC
RD1, Kinzers, Pa.
Ph: Intercourse 768-8228

Feed

For Sale — ALFALFA HAY 1st and 2nd cutting, approx. 5000 bales. Best offer above $40.00 per ton. U Haul. Call after 6:30 P.M. Ph. 626-5540.

For Sale - Hay and Straw. Call 786-3215.

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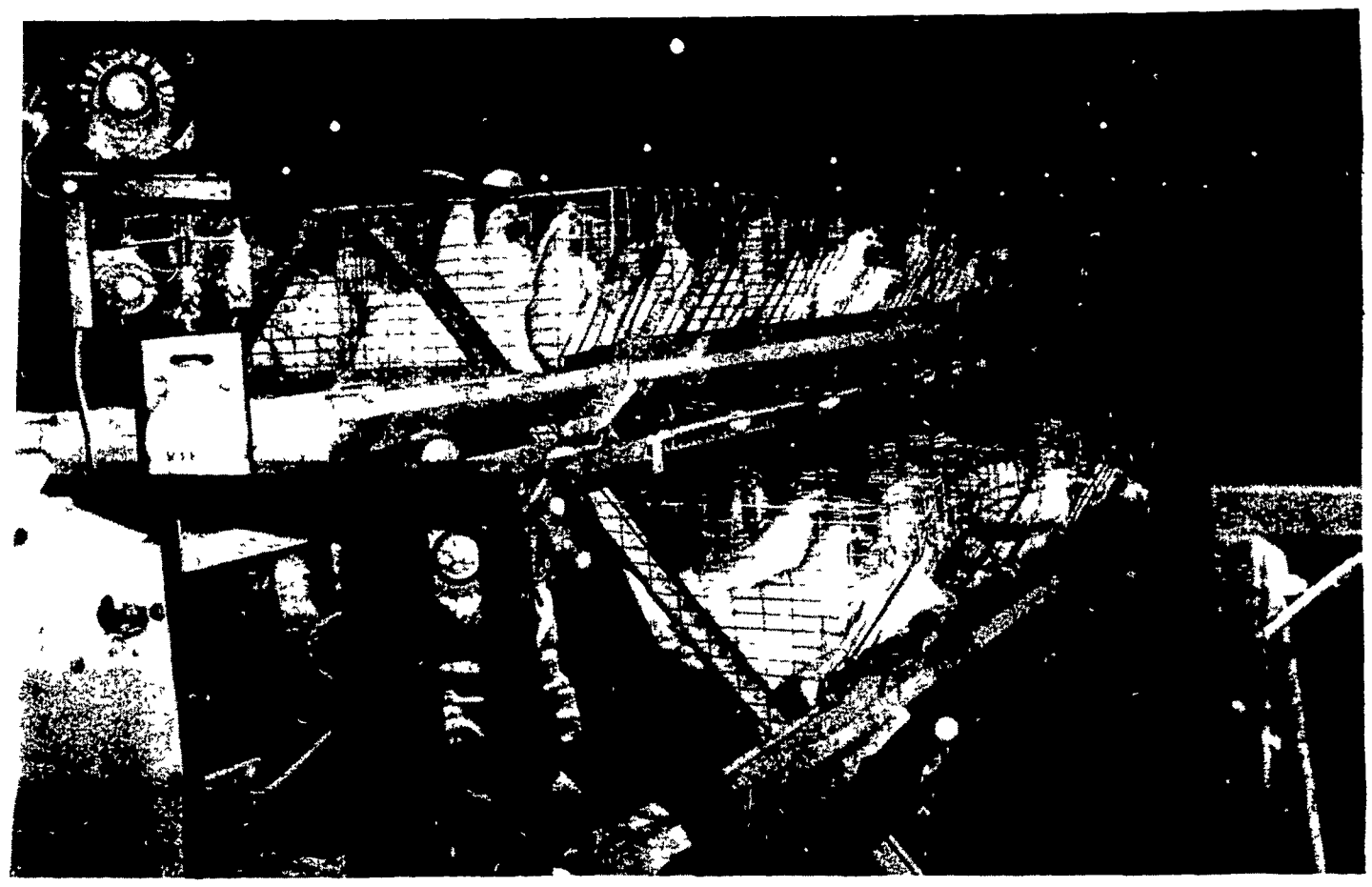

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